2.3 Teaching Learning Process

Student-centric methods, such as experiential learning, participative learning, and problem-solving techniques, are used to enrich students' learning experiences. To support these approaches, ICT-enabled tools and online resources are utilized to ensure an effective and engaging teaching and learning process. Additionally, the listed activities further enhance education and student development.

Sl. No.	Name of the Activity
1.	**Innovative teaching**
2.	**Industrial visit**
3.	**Student development program**
4.	**Technical events**
5.	**Hackathon**
6.	**Internship**
7.	**Mini Project/Capstone Projects**
8.	**Project Exhibition**
9.	**Intercollege technical events**
10.	**Virtual lab**
11.	**Quiklrn-Adaptive Learning**

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

1. CONSOLIDATED LIST OF INNOVATIVE TEACHING:

Sl.	Dept	Academic Year	Sem	Subject code	Subject name	Teaching Methodologies / Any Activities conducted (only using ICT)	Mention ICT Tool Used
1	CV	2022-23	V	18CV56	Highway Engineering	Demonstration-Analysis of pedestrian facility in Hebbal flyover	Model demonstration
2	CV	2022-23	IV	18CV45	Advanced Surveying	Experimental-Total Station	Experiment
3	CV	2022-23	IV	21CV43	Public health Engineering	Experimental-Titration	Experiment
4	CV	2022-23	V VII	18CV53 18CV71	Design of RCC & Steel Structures	Planning & reinforcement details	Site visit
5	CSE	2022-23	III	21MAT31	Transform Calculus, Fourier Series and Numerical Techniques	Quiz	Quiklrn
6	CSE	2022-23	III	21CS32	Data Structures and applications	Crossword Puzzle, Mind Map	Mind-Miester Tool, Quiklrn
7	CSE	2022-23	III	21CS33	Analog and Digital Electronics	Crossword, Scrambled words	Quiklrn
8	CSE	2022-23	III	21CS34	Computer Organization	Quiz, Crossword	Quiklrn
9	CSE	2022-23	V	18CS52	Computer Networks and Security	Crossword Puzzle	Quiklrn
10	CSE	2022-23	V	18CS53	DBMS	Crossword Puzzle	Quiklrn
11	CSE	2022-23	V	18CS54	Automata Theory & Computability	Quiz, Mind mapping	Quiklrn

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

12	CSE	2022-23	V	18CS55	Application Development using Python	Crossword Puzzle	Quiklrn
13	CSE	2022-23	V	18CS56	UNIX Programming	Crossword Puzzle	Quiklrn
14	CSE	2022-23	VII	18CS72	Big Data Analytics	Mini project	Quiklrn
15	CSE	2022-23	VII	18CS734	User Interface Design	Crossword	Quiklrn
16	CSE	2022-23	VII	18CS745	Robotic Process Automation	Word Scramble , Crossword	Quiklrn
17	CSE	2022-23	IV	21CS42	Design Analysis and Algorithms	Online Tool Usage, Content Based Learning	Visualgo.net, Chart
18	CSE	2022-23	IV	21CS43	Microcontroller and Embedded Systems	Project Based Learning	Mini Project
19	CSE	2022-23	IV	21CS44	Operating System	Small Group Teaching, Peer Teaching	Offline
20	CSE	2022-23	VI	18CS61	System Software and Compilers	Flipped Classrooms	Offline
21	CSE	2022-23	VI	18CS62	Computer Graphics and Visualization	Mind Mapping, Quiz	Quiklrn
22	CSE	2022-23	VI	18CS63	Web Technology and its Application	Content-Based Learning	Offline
23	CSE	2022-23	VI	18CS643	Cloud Computing and its Applications	Quiz	Quiklrn

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

24	ECE	2022-23	IV	21EC42	Digital Signal Processing	Mind map	Online classroom
25	ECE	2022-23	IV	21EC42	Digital Signal Processing	Sorting strips	Online classroom
26	ECE	2022-23	IV	21EC42	Digital Signal Processing	Zero Minute speech	Online classroom
27	ECE	2022-23	IV	21EC42	Digital Signal Processing	NPTEL video	Smart TV
28	ECE	2022-23	IV	21EC42	Digital Signal Processing	Flipped Classroom	Projector
29	ECE	2022-23	IV	21EC44	Communication Theory	Quiz	Quiklrn Software
30	ECE	2022-23	IV	21EC44	Communication Theory	Quiz	Quiklrn Software
31	ECE	2022-23	IV	21EC44	Digital Signal Processing	Technical talk	Quiklrn Software
32	ECE	2022-23	VI	18EC62	Embedded Systems	Quiz	Quiklrn Software
33	ECE	2022-23	VI	18EC63	Microwave s and Antennas	Quiz	Quiklrn Software
34	ECE	2022-23	VI	18EC644	Digital system design using Verilog	Quiz	Quiklrn Software
35	ECE	2022-23	VIII	18EC825	Biomedical Signal Processing	Simulation Tool	MatLab software
36	ECE	2022-23	III	21EC32	Digital System Design using verilog	Case study	Xilinx software

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

37	ECE	2022-23	III	21EC32	Digital System Design using verilog	Animation Video	Smart TV
38	ECE	2022-23	III	21EC32	Digital System Design using verilog	Seminar	Projector
39	ECE	2022-23	III	21EC32	Digital System Design using verilog	Quiz	Quiklrn Software
40	ECE	2022-23	III	21EC33	Basic Signal Processing	Sorting strips	Online classroom
41	ECE	2022-23	III	21EC34	Analog Electronic Circuit	Cross over teaching	Online classroom
42	ECE	2022-23	V	18ES51	Technological Innovation and Entrepreneurship	Brainstorm	Google forms
43	ECE	2022-23	V	18EC54	Information Theory and Coding	Mind map	Online classroom
44	ECE	2022-23	V	18EC54	Information Theory and Coding	Sorting strips	Online classroom
45	ECE	2022-23	V	18EC56	Verilog HDL	Sorting strips	Online classroom
46	ECE	2022-23	VII	18EC733	Digital Image Processing	Collaborative learning	Blogging
47	ISE	2022-23	4	21UH49	Universal Human Values	Quiz	Google forms
48	ISE	2022-23	V	18CS54	Automata theory and Computability	Teaching through JFLAP	JFLAP
49	ISE	2022-23	6	18IS61	File Structures	Flipped Class	ppt, smart boards,
50	ISE	2022-23	6	18IS62	Software Testing	Study of any web testing tool (e.g. Selenium)	Selenium

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Sample document

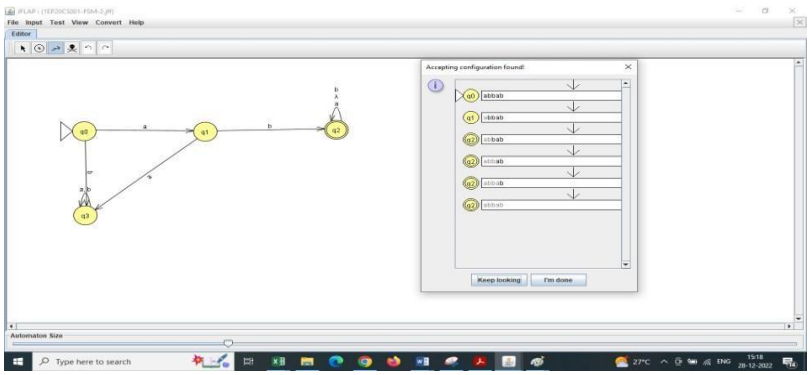
a) Online Tool Usage:

Visualgo.net is an invaluable resource for the subject of Design and Analysis of Algorithms as it provides a dynamic, visual representation of various algorithms in action. This tool allows students to witness the step-by-step execution of algorithms, helping them grasp intricate algorithmic concepts, optimize problem-solving strategies, and gain a deeper understanding of algorithm analysis through interactive simulations.

Student demonstrating the Binary search algorithm using Visualgo.net

b) Hands-on Learning:

JFLAP (Java Formal Language and Automata Package) is an interactive visualizations tool for teaching various concepts related to formal languages, automata theory, and theoretical computer science. This visual approach helps students grasp abstract and complex concepts more effectively. Students can create, edit, and test their own automata and grammars using JFLAP, allowing for hands-on learning experiences. They can experiment with different inputs and see how automata respond in real-time.



Construction of FSM

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

c) Content-based learning

Content-based learning is an innovative teaching method that centres the curriculum around specific subject matter or content areas, fostering a deep understanding of the material. In the context of the subject "Design and Analysis of Algorithms" content-based learning revolves around algorithmic concepts and problem-solving strategies. It connects algorithmic concepts to real-world applications, demonstrating how algorithms are used in fields such as computer science, data science, finance, and logistics.

Students explaining the Applications of Algorithms with the help of charts

d) Project-based Learning:

Project-based learning (PBL) is a student-centered teaching approach that emphasizes active, hands-on learning through the completion of projects or tasks. Students work on complex, real-world problems or challenges that require them to apply their knowledge and skills in a practical context.

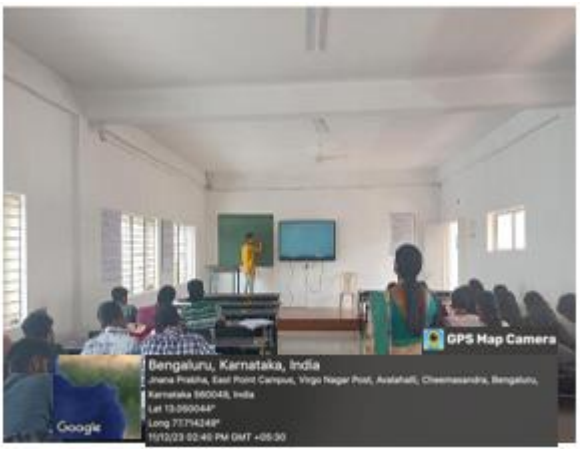
Figure: Students demonstrating the project to Dr. Yogesh, Principal, Dr. Prakash S, SVP EPCET and chief guest Dr. Siddesh, MSRIT during Project Exhibition Vibrations-2023

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

e) Flipped classroom

A flipped classroom teaching method is an instructional strategy and a type of blended learning, which aims to increase student engagement and learning by having students' complete readings at their home and work on live problem-solving during class time.

Students are provided with access to the pre-recorded lectures and reading materials before the class session. They are expected to engage with the content and gain a basic understanding of the topics covered. This enables students to proceed at their own pace and revisit the materials as needed, catering to different learning styles and abilities.



Students explaining the concepts of Compiler design

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

2. CONSOLIDATED LIST OF INDUSTRIAL VISIT:

Sl. No.	Department	Academic Year	Date	Company Name	Number of Students visited
1.	CV	2022-23	09.06.2022	Sewage Treatment Plant Hennur	32
2.	CSE	2022-23	23/11/2023	SAP Labs India Pvt. Ltd.	50
3.	CSE	2022-23	02/02/2023	SAP Lab India Pvt. Ltd., Export	70
4.	ECE	2022-23	11/16/2022	SAP	5
5.	ECE	2022-23	11/25/2022	Amazon	33
6.	ECE	2022-23	11/29/2022	ISRO	49
7.	ISE	2022-23	2/2/2023	SAP Labs India Pvt. Ltd. (4th Semester Students)	14
8.	ISE	2022-23	11/25/2022	Aws (Amazon Web Services)	60
9.	ISE	2022-23	11/16/2022	SAP Labs India Pvt. Ltd. (7th Semester Students)	15
10.	ISE	2022-23	11/2/2022	Manipal Museum of Anatomy and Pathology	28
11.	ISE	2022-23	11/1/2022	Bom Jesus Church, Goa	28

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

\

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi | UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE | Affiliated to Visvesvaraya Technological University (VTU) Belagavi | Recognized by Govt. of Karnataka | Virgo Nagar, Bengaluru-560049 Ph:080 2847 2999, email:principal.epcet@eastpoint.ac.in

Sample Document

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to VTU, Belagavi,
Virgo Nagar, Bengaluru-560049

DEPARTMENT OF CIVIL ENGINEERING

Ref: EPCET/CV/2022-23 **Date:06/06/2022**

Circular

Department of Civil Engineering is extend an invitation to students for an INDUSTRIAL VISIT – SEWAGE TREATMENT PLANT HENNUR on 09/06/2022 at 10:00 AM. This visit presents an excellent opportunity for participants to gain firsthand knowledge about sewage treatment processes, environmental sustainability, and the role of modern technology in waste management. All staffs and students are invited to join for industrial visit.

HOD
Department of Civil Engineering
East Point College of Engineering & Technology
East Point Campus, Bengaluru - 49

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

INDUSTRIAL VISIT –SEWAGE TREATMENT PLANT HENNUR

For 2nd year & 3rd year Civil Engg Students

DATE: 09/06/2022

Name of Faculty Involved: Dr Geena George, Prof. Rajani V Akki, Prof. Sharath Babu K and Prof. Shobha N.V

Total No. of Participants: 45 students + 3 Faculties

Capacity of the plant: 40 MLD Contractor: M/s Enviro Control Associates (I) Pvt. Ltd

Capital Project Cost : Rs. 250 crores

Objectives of the Industrial Visit to the Sewage Treatment Plant

1. Educational Insight: Provide students with a comprehensive understanding of sewage treatment processes, including collection, treatment, and disposal of wastewater.
2. Practical Exposure: Offer students a hands-on experience to observe the functioning of different units within the sewage treatment plant and familiarize them with the equipment and technology used in wastewater treatment.
3. Environmental Awareness: Raise awareness about the importance of proper sewage treatment in preserving environmental health and mitigating water pollution.
4. Sustainable Practices: Showcase sustainable practices and innovative technologies implemented in sewage treatment for resource recovery, energy generation, and minimizing environmental impact.
5. Career Exploration: Provide insights into potential career opportunities in the field of environmental engineering, water resource management, and wastewater treatment for students interested in pursuing careers in this sector.

This visit helped students to enhance their collective theoretical and practical knowledge of Treatment Plants. Students can also understand detailed design of plant and process which will be covered in the subject. Physical observation of various processes of plants will definitely be enhanced the skill and understanding of students in the environment engineering.

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Outcomes of the Industrial Visit:

1. **Enhanced Understanding:** students will gain a deeper understanding of sewage treatment processes, including the biological, physical, and chemical methods employed for effective wastewater treatment.

2. **Practical Knowledge:** students will acquire practical knowledge by witnessing real-world applications of theoretical concepts learned in academic settings, thereby enhancing their learning experience.

3. **Environmental Consciousness:** students will develop a greater appreciation for environmental stewardship and the significance of sustainable wastewater management practices in safeguarding public health and ecosystem integrity.

4. **Networking Opportunities:** students will have the chance to interact with industry professionals, engineers, and experts working in the field of wastewater management, fostering potential collaborations, internships, or future career prospects.

5. **Inspiration for Innovation:** The visit may inspire participants to explore innovative solutions and technologies for addressing wastewater challenges in their respective communities or industries, driving future advancements in sewage treatment and environmental sustainability.

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi | UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE | Affiliated to Visvesvaraya Technological University (VTU) Belagavi | Recognized by Govt. of Karnataka | Virgo Nagar, Bengaluru-560049 Ph:080 2847 2999, email:principal.epcet@eastpoint.ac.in

STUDENT ATTENDANCE DETAILS

SL.NO.	STUDENT NAME	USN	SEM	
1	DEEPAK .A	1EP18CV005	VI	
2	MADHUKAR N	1EP18CV013	VI	
3	YUVARAJ .	1EP18CV034	VI	
4	AADITYA YADAV	1EP19CV001	VI	
5	ANANTHU MRS	1EP19CV003	VI	
6	ARAVIND PA	1EP19CV004	VI	
7	CEPONGSONLA CHANG	1EP19CV005	VI	
8	CHANDAN KUMARA	1EP19CV006	VI	CHANDAN KUMARA
9	KAVYASHREE V	1EP19CV007	VI	
10	KRISHNA MURTHY S	1EP19CV008	VI	
11	MOHAMMED JUNED	1EP19CV009	VI	
12	MOHAN BABU K	1EP19CV011	VI	
13	NAGESH MV	1EP19CV012	VI	
14	NIKIL S BOLI	1EP19CV013	VI	
15	SAGAR KUMAR	1EP19CV019	VI	
16	SHASHIDHAR K N	1EP19CV020	VI	
17	VENU N	1EP19CV023	VI	
18	YUVARAJ HC	1EP19CV024	VI	
19	CHADUVU DHANARAJ	1EP19CV026	VI	
20	ALLURI SHIVA KIRAN	1EP20CV400	VI	
21	GUPTA SAHIL MAHESH	1EP20CV401	VI	
22	KALYAN KUMAR S	1EP20CV402	VI	
23	ASMA JANA	1EP20CV004	IV	
24	BAAPU B M	1EP20CV005	IV	

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

25	DIVYA D	1EP20CV007	IV	Divya.D
26	GAGAN KUMAR G M	1EP20CV009	IV	Gagan.
27	PINJARI HAZEERA	1EP20CV010	IV	Hazeera
28	PRIYANKA A	1EP20CV011	IV	Priyanka
29	RINCHIN T SOMU	1EP20CV012	IV	Rinchin T Somu
30	ESHA GOWALA	1EP21CV400	IV	Esha Gowala.
31	ABHILASH S	1EP18CV001	VIII	Abhi.
32	AKSHAY J	1EP18CV003	VIII	Akshay
33	DILIPKUMAR P	1EP18CV006	VIII	Dilip.
34	GANGADHAR JUNZARAWAD	1EP18CV008	VIII	Gangadhar
35	GIRISH PN	1EP18CV009	VIII	Girish.
36	HEMALATHA G P	1EP18CV011	VIII	Hemalatha
37	LAVANYA M V	1EP18CV012	VIII	Lavanya
38	MOHITH D	1EP18CV015	VIII	Mohith D.
39	NIRANJAN S	1EP18CV019	VIII	Niranjan
40	NUTHAN V S	1EP18CV021	VIII	Nuthan
41	PAVAN R	1EP18CV024	VIII	(P)
42	SANGMESH	1EP18CV028	VIII	Sangmesh
43	SIDDALA GOVARDHAN REDDY	1EP18CV029	VIII	Reddy.
44	UMESH G R	1EP18CV031	VIII	Umesh.
45	ABHISHEK JOSE	1EP19CV400	VIII	Jose.

HOD
Department of Civil Engineering
East Point College of Engineering & Technology
East Point Campus, Bengaluru - 49

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

3. CONSOLIDATED LIST OF STUDENT DEVELOPMENT PROGRAM

Sl. No.	Dept	Academic Year	Event Name	Resource Persons	Duration (hours)	Date
1	CV	2022-23	One Day Software Skill Enhancement Program	Akhilesh methra, Site Engineer - ACEPL, Hubli	5 Hours	19.05.2022
2	CV	2022-23	Skill Development Program	Er Nischitha, Ed Future consultancy	6 Hours	23.05.2023
3	CSE	2022-23	Microsoft Azure Bootcamp	Mr. Dileep pai	5 days	2-10-2022 to 6-10-2022
4	CSE	2022-23	Training On Spark AR VR	Mr. Lakshmi Pant	2 days	7-10-2022 To 8-10-2022
5	ECE	2022-23	Hands on Session on Basic image processing using Matlab	Dr Harshavardhan Reddy K	8 Hours	21-11-2022
6	ECE	2022-23	Digital and Analog VLSI Design using EDA Tools	Mr Madan Gopal Mekkala	8 Hours	7-10-2022
7	ECE	2022-23	Workshop on Analog and signal Processing applications using NI - Labview	Dr Dilip R	8 Hours	16-02-2023
8	ECE	2022-23	IOT4U Workshop	Mr. Samarth Kulkarni	8 Hours	30-12-2022

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

9	ISE	2022-23	Hands on session "Programming in AI & ML using Python"	Mr. Lohit C Director and project Manager ProlaTech Solution Bangalore	5 Days	24-11-2022 to 28-11-2022
10	ISE	2022-23	Workshop "Apache Ambari"	Pavan kumar vure , Java & Hadoop Developer OATI, Software Development LTD ,India	5 Days	5/12/2022 to 9/12/2022
11	ISE	2022-23	Aws Training	Prof. Nandini Gowda and Prof Shefali Arora, AWS Trainers	10 Days	1-9-2022 to 13-9-2022

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY.
BANGALORE- 560 049.

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi | UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE | Affiliated to Visvesvaraya Technological University (VTU) Belagavi | Recognized by Govt. of Karnataka | Virgo Nagar, Bengaluru-560049 Ph:080 2847 2999, email:principal.epcet@eastpoint.ac.in

Sample Document

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Circular

The department of Electronics and Communication Engineering is planning to conduct 2 days' workshop on "Analog and Signal Processing Using NI LabVIEW Tool" for the benefit of students of 4th semester students on ECE. This is scheduled on 16th and 17th Feb 2023.

HOD, ECE

Coordinator
Mr. Kiran Kumar K

Copy to :
1. Classrooms
2. Notice Board

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Azadi Ka Amrit Mahotsav | ARIIA ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS | IEEE BANGALORE SECTION

Department of Electronics and Communication Engineering

In Association with Tail Spin India Pvt Ltd, Bengaluru

Presents

2-DAYS WORKSHOP ON ANALOG AND SIGNAL PROCESSING APPLICATIONS USING NI-LABVIEW

Resource Person
Dr. Dilip R
Managing Director
Tail Spin Ind Pvt Ltd, Bengaluru

Date: 16th & 17th Feb 2023
Time: 10.00 AM

VENUE: S.M. Jayaram Memorial Hall

Prof. Kiran Kumar K
Prof. Malini V L
Prof. Nilu Mishra
Coordinators
ECE, EPCET

Dr. Yogesh G S
Principal, EPCET

Dr. Prakash S
Sr. Vice President, EPGI

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

4. CONSOLIDATED LIST OF TECHNICAL EVENTS

Sl. No.	Dept	Academic Year	Event Type	Event Name	Resource Person	Date
1.	AI & DS	2022-23	Webinar	"Python Libraries for Data Science"	Dr. Arun Agarwal	11-2-2023
2.	CV	2022-23	Technical Seminar	Solid waste management	Mrs. Harika PS	14.12.2022
3.	CV	2022-23	Webinar	Effect of air pollution on environment	Dr.L.Udaya simha	06.06.2022
4.	CV	2022-23	Eco club activity	3-5 minutes talk on Environment	Dr. Nagaraj Sitaram	20.03.2023
5.	CV	2022-23	Eco club activity	Story writing Competition in Kannada/ English	Dr. Nagaraj Sitaram, Dr. V Harish	17.03.2023
8.	CSE	2022-23	National Student Project Exhibition	Vibrations- 2k23	Microchip, Ms. Divyashree ,TCS, Mr. Sumegh Purvankara, Mr. Rakesh, Zoid	9-5-2023
9.	CSE	2022-23	Project Poster Presentation	Project Poster Presentation 2K22	Dr. C. Emilin Shyni	6-11-2022
10.	CSE	2022-23	Webinar	Webinar on "IOT Device Security by Crypto Graphic Approach"	Miss. Rashi Sahay, Professor, Chandigarh University	21-06-2023

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

11.	ECE	2022-23	Technical Talk	Talk on Design Thinking and Innovation	Prof. Ravi Kumar	14-10-2022
12.	ECE	2022-23	Technical Talk	Technical talk on Fundamentals of Digital Systems - An experiment	Mr.Dinesh Murugan	3-3-2023
13.	ECE	2022-23	Technical Talk	Technical talk on Fundamentals of Digital Systems - An experiment	Mr.Dinesh Murugan	3-3-2023
14.	ECE	2022-23	Webinar	Webinar on Interconnect & Interface	Mr.Arun Patro	21-4-2023
15.	ECE	2022-23	Technical Talk	Expert Talk on "Development of Entrepreneurship Mindset among Students"	Mr.Devaraj S	23-5-2023
16.	ECE	2022-23	Webinar	Data Engineering	Mr S. Bharath	27-5-2023
17.	ISE	2022-23	Webinar	Webinar on "Information Retrieval using Machine Learning"	Dr. Sheba Selvam Prof BNMIT, Bangalore	22-10-2023
18.	ISE	2022-23	Webinar	Webinar on "Inspiring change with data visualization and case studies using R"	Sniqdha Awa ,Senior Data Engineer, Optum Global Solutions	23-1-2023
19.	ISE	2022-23	Webinar	"International Day for the Elimination of Violence against Women	Megha M R Chairman and Managing Director of HMGR Media Pvt Ltd -	31-1-2023

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

					Hamsa TV	
20.	ISE	2022-23	Webinar	"Entrepreneur Day: Celebrating Vision & Innovations"	Dr. Prakash S Senior Vice President, EPCET	21-4-2023
21.	ISE	2022-23	Webinar	Webinar on Accelerators / Incubation : Opportunities for Students and Faculties - Early stage entrepreneurs	Mr. Harsh Gupta , Entrepreneurship development of India	16-6-2023
22.	ISE	2022-23	Seminar	Seminar on "Cyber Security and its Importance "	Dr. Nanda Ashwin	20-7-2023
23.	ISE	2022-23	Conference	Engineering Innovations in Emerging Technologies (NCEIET -2023)	Mr . A.H Sagar International Educationlist and Philosopher, Mr Aneesh Parameshwar M CEO and Founder WiMate Technology Solution PVT, ltd	27-07-2023 and 28-07-2023
24.	ISE	2022-23	Seminar	"Speech on AI"	Prof. Kemparaju	15-8-2023

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Sample Document

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Electronics and Communication Engineering

ApprovedbyAICTENewDelhi|AffiliatedtoVTUBelagavi, Virgo Nagar, Bengaluru-560049

01/03/2023

CIRCULAR

The Department of Electronics and Communication Engineering is planning to conduct a Technical Talk on **"Fundamentals of Digital Systems-An Experiment"** for the benefit of BE 3rd sem students. This is scheduled on 03/03/2023.

Coordinators:

Kanchana H

Kavitha A

HOD,ECE

HEAD
Department of Electronics and Communication Engineering
East Point College of Engineering and Technology
BENGALURU-560 049.

Copy to:

1. Class room
2. Notice Board

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi | UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE | Affiliated to Visvesvaraya Technological University (VTU) Belagavi | Recognized by Govt. of Karnataka | Virgo Nagar, Bengaluru-560049 Ph:080 2847 2999, email:principal.epcet@eastpoint.ac.in

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Electronics & Communication Engineering

Technical Talk on

Fundamentals of Digital systems-An Experiement

Resource Person: Mr Dinesh Murugan

3rd Semester **3/3/2023 10AM -12PM**

Sl. No	USN	Name of the students	Signature
1	1EP21EC021	DEEKSHA SHREE . S	[signature]
2	1EP21EC016	Boge Ramya	[signature]
3	1EP21EC015	Bhavan. M	Bhavan M
4	1EP21EC013	Bhanuprakash. M.C	[signature]
5.	Diploma	Hemanth kumar	[signature]
6.	Diploma	Shivaiyagappa	[signature]
7	[illegible]	[illegible]	[signature]
8	[illegible]	[illegible]	[signature]
9	1EP21EC0[illegible]	Shiva P	[signature]
10	1EP21EC100	Surendra reddy. M.S.	[signature]
11	1EP21EC077	Rahul S math	[signature]
12	1EP21EC08[illegible]	Shashank. M	[signature]
13	1EP21EC090	Shivapriya D. S	[signature]
14	1EP21EC083	Sanjya	[signature]
15	1EP21EC085	Sanketh K. S	[signature]
16	1EP21EC107	Thejaswini H.A	[signature]
17	1EP21EC078	Rakshitha K.S	[signature]
18)	1EP21EC120	Zul Kharnain Pasha-A	[signature]
19)	1EP21EC097	Srinivas B	[signature]
20)	1EP21EC081	Ritish U. Shetty	[signature]
21.	1EP21EC011	H.S. Arjun	[signature]
22)	1EP21EC119	Yogesh H.A	[signature]

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

25	Shaik Abdul Salam	1EP21EC126	
26	Uday S	1EP21EC110	
27	Jyoti Venkatesh	1EP21EC105	
28	Vaishnavi.M	1EP21EC071	
29	Tanuja pala		
30	Suman.M	Diploma	
31	MONISH.S	Diploma	
32	Mithun.D	Diploma	
33	Harshavardhan M	1EP21EC058	
34	N Chiedi babu	Diploma	
35	Shreyas.G	1EP21EC094	
36	Sahana.R	1EP21EC083	
35	1EP21EC008	Ananya R	
36	1EP21EC027	Chandhana Shree.S	
37	Diploma	Bindhu.C	
38	1EP21EC035	Manoj	
39	1EP21EC019	K. Vikas Gowda	
40	1EP21EC037	M. Bala Kiran	
41	1EP21EC042	T. Sailaja reddy	
42	1EP21EC055	Lokesh T	
43	1EP21EC074	Rashmi P R	
44	1EP21EC096	Sruthi N M	
45	1EP21EC095	Spoorthi H.D	
46	1EP21EC092	P Rajiv Raj	
47	1EP21EC086	Pavithra.S	
48	1GP21EC061	Monisha R	
49	1EP21EC094	SHREYA G	
50	1EP21EC056	Meghashree.R.S	
51	1EP21EC052	lakshmipriya.V	
52	1EP21EC011	B.S keerthana	
53	1EP21EC010	Anusha V.M	
54	1EP21EC005	Gagan	

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Figure: Dr. Yogesh G. S. felicitating Mr. Dinesh Murugan along with event coordinators

Figure: Event Certificate

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY.
BANGALORE- 560 049.

5.SUMMARY SHEET OF HACKATHON

Sl. No.	Department	Academic Year	Hackathon Name	Place	Date	Number of students participated	Upload the Supportive document (year-wise)
1.	CSE	2022-23	Internal Hackathon Smart India Hackathon	East Point College of Engineering & Technology, Bangalore	21-7-2023	54	Click-link

.

Sample document

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Report on Internal Hackathon 2023

Date: 21st September 2023

Location: CSE - AI&ML Lab, East Point College of Engineering and Technology (EPCET)

Time: 9:00 AM to 4:00 PM

Executive Summary:

The Internal Hackathon held at East Point College of Engineering and Technology (EPCET) on 21st September 2023 was a highly engaging and productive event hosted within the CSE - AI&ML Lab. The event provided a platform for students to showcase their innovative solutions and creative thinking within the domain of Artificial Intelligence and Machine Learning. Esteemed professionals from the institution formed the jury panel, including Dr. Mrityunjaya V Latte (Principal), Dr. Yogesh G S (HOD, ECE), Dr. Manimozhi I (HOD, CSE), Prof. Sudhansu Sourabh, Prof. Nithyananda C R, Prof. Ravi Kumar M, and Prof. Kesavan M V.

Objectives:

- Promote Innovation and Creativity: Encourage students to think innovatively and develop creative solutions with the latest technology.
- Enhance Technical Skills: Provide a platform for students to apply and enhance their technical skills in the latest technology and tools.
- Foster Teamwork and Collaboration: Promote teamwork and collaboration among students to develop functional and innovative projects.

Event Agenda:

Registration and Inauguration (9:00 AM - 9:30 AM):

- Registration of participants and welcome address by the organizing committee.
- Inaugural remarks by Dr. Manimozhi I,

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Approved by AICTE, New Delhi | UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE | Affiliated to Visvesvaraya Technological University (VTU) Belagavi | Recognized by Govt. of Karnataka | Virgo Nagar, Bengaluru-560049 Ph:080 2847 2999, email:principal.epcet@eastpoint.ac.in

HOD - CSE. Introduction to Hackathon
Challenges (9:30AM - 10:30 AM):

- Presentation of Hackathon challenges and problem statements.
- Q&A session for clarifications regarding the problem statements.

Hackathon Development Phase (10:30 AM - 1:00 PM):
Participants work on their projects in teams.

- Mentors and faculty provide guidance and assistance as needed.

Lunch Break (1:00 PM - 2:00 PM).

Project Presentations (2:00 PM - 3:30 PM):

- Teams present their projects to the jury members and fellow participants.
- Each team is given a fixed time to showcase their project and answer questions.

Jury Evaluation and Awards (3:30 PM - 4:00 PM):

- Jury members deliberate and evaluate the projects based on predefined criteria.
- Jury members selected the best teams for the SIH - 2023

Participants:
The event saw enthusiastic participation from students across various departments and years, especially those interested in AI and ML, Cyber Security, Medical/ Biotech, Green Technology, Web Technology etc.., . 9 teams participated, each consisting of 6 members.

Outcomes and Achievements:

- Participants showcased impressive projects demonstrating their knowledge and skills in various tools and technologies.
- Innovative solutions were presented for the given problem statements, showcasing creativity and out-of-the-box thinking.
- Collaboration and teamwork were prominently displayed throughout the event.

Recommendations:
Based on the success of this event, it is recommended to conduct similar Hackathon periodically, fostering a culture of innovation and technological advancement within the student community.In conclusion, the Internal Hackathon held at EPCET on 21st September 2023 was a resounding success, promoting innovation, technical skills, and collaboration among students.
The event provided a valuable platform for students to showcase their capabilities and creativity, the collaborative spirit of the students.

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Participation Statistics:

Total of ten teams participated in the Internal Hackathon, out of which nine teams were selected

Sl no.	Team Name	No. of participants	No. of male participants	No of female participants	Problem statement	PS Code
1	Bionic_Builders	6	4	2	Active Prosthetic ankle and adaptive equipment for bike riding in lower limb amputees	SIH1306
2	Cyber Sentials	6	1	5	Design of cyber-security enabled smart controller for grid-connected Microgrid	SIH1302
3	Paradoxical	6	4	2	Student Dropout analysis for school education	SIH1362
4	HackFiesta	6	3	3	Developing a Blockchain-Based eVault for Legal Records	SIH1284
5	Super Saiyan	6	5	1	Automatic Drug Dispenser	SIH1503
6	Jala-Kojh	6	1	5	AI Enabled Water Well	SIH1292
7	Intelliarm	6	5	1	Low Cost Myoelectric Prosthetic Arm	SIH1404
8	Enigma Squads	6	5	1	Face Social Media Profile Detection and Reporting	SIH1364
9	The Web Guardians	6	5	1	PGRKAM Web Application	SIH1303

Conclusion:

- The event brought to light various creative and innovative solutions to pressing challenges in different domains.
- Teams demonstrated a thorough understanding of technical aspects and implemented cost- effective solutions that could be practically applied.
- Societal expectations and financial feasibility were taken into account, showing a balanced approach towards problem-solving.

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

6.SUMMARY SHEET OF PROJECT EXHIBITION

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Report on Vibrations 2023

Vibrations 2023, the national-level project exhibition and competition held at East Point College of Engineering & Technology on May 9th, 2023, was a resounding success. The event saw participation from 25 colleges across the country, and students from all branches put forth their best foot forward to showcase their innovative projects. Overall, there were 100 teams that presented their projects.

The Chief Guests and judges for the event were Dr. Siddesh from MSRIT, Dr. Dinesh from Microchip, Ms. Divyashree from TCS, Mr. Sumegh from Purvankara, and Mr. Rakesh from Zoid Industries, who graced the event and encouraged the students to showcase their technical knowledge and creativity.

Prof. Shilpa Patil, Welcomed the guests and students for the event. The Principal of EPCET Dr. Yogesh GS and Sr. Vice President of EPGI, Dr. Prakash addressed and motivated the students and acknowledged the students overwhelming response. Dr. Prakash SV, Director IQAC and convenor of Vibrations briefed about the event.

The event was a grand success with numerous innovative projects from various engineering disciplines, such as Civil Engineering, Mechanical Engineering, IOT, Artificial Intelligence, Machine Learning, Robotics, and many more. The competition provided a platform for students to showcase their technical knowledge and creativity and get valuable feedback from industry experts.

The projects presented at the exhibition were a testament to the exceptional talent and innovation of the engineering students. The judges highly appreciated the projects for their technical soundness, creativity, and applicability in real-life situations. The students demonstrated an in-depth understanding of the subject matter and presented their projects with enthusiasm, conviction, and confidence. Winners were rewarded with prizes.

Overall, Vibrations 2023 was a grand success and a tribute to the hard work and dedication of the students, faculty members, and organizers. The event concluded by vote of thanks by Prof. Geena.

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

Students demonstrating project to Dr. Yogesh, Principal, Dr. Prakash S, SVP EPCET& chief guest Dr. Siddhesh, MSRIT

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

7.SUMMARY SHEET OF INTER COLLEGE TECHNICAL EVENTS

Sl. No.	Dept	Academic Year	Name of the Event participated (Inter college) Technical event/ Conferences/Club Activities/ Project Expo	Name of the Institute /Organization	Date	Number of Students
1.	CV	2022-23	International Civil Engineering Student Symposium	BMS College of Engineering	18.12.2022 to 19.12.2022	4
2.	CV	2022-23	National Conference	Cambridge Institute of Technology	26.04.2023	4
3.	CSE	2022-23	TEXPO-22	DBIT	Nov-22	4
4.	ECE	2022-23	Technical Fest	PESITM, Shivamogga	12-8-2022	3
5.	ISE	2022-23	JavaFest'23	Christ College, Bangalore	15-7-2023	7
6.	ISE	2022-23	Good First Bug	CMRIT Bengaluru	24-6- 2023	4

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

8. SUMMARY SHEET OF VIRTUAL LAB

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Virtual Labs

Expression of Interest for setting up Virtual Labs' Nodal Centre (VLNC)

Name of the Institute: East Point College of Engineering and Technology **Acronym of Institute:EPCET**

Address:Jnanaprabha Campus, Bidarahalli, Virgonagar Post, Bangalore-560049, Karnataka

Pin Code: 560049

Latitude:13.0503N **Longitude:77.7147 E**

Affiliated to: Visveswaraya Technological University

Approved By (AICTE/UGC/University): Yes

Approval Number:1-6231206 **AISHE Code: C-1383**

Branch of Engineering	**Number of Students**	**Faculties**
a) Computer Science & Engineering	540	22
b) CSE (IoT, Cyber Security with Block chain Technology)	60	4
c) Information Science & Engineering	540	28
d) Artificial Intelligence & Data Science	120	5
e) CSE (Artificial Intelligence and Machine Learning)	60	4
f) Electronics & Communications Engineering	480	27
g) Mechanical Engineering	67	7
h) Civil Engineering	55	7

Total:08

Total number of computers available for Virtual Labs use: **150**

Internet bandwidth (in mbps):**1 GBPS**

Name of the Head of Institute / Principal: **Dr. Mrityunjaya V Latte**

Email:**principal.epcet@eastpoint.ac.in** **Mobile:+918095044449**

Proposed Nodal Centre Coordinator (NCC): **Dr. Anand R**

Email:hod.ai.ds@eastpoint.ac.in **Mobile:+919845671299**

Department: Artificial Intelligence & Data Science

07.11.2023

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi | UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE | Affiliated to Visvesvaraya Technological University (VTU) Belagavi | Recognized by Govt. of Karnataka | Virgo Nagar, Bengaluru-560049 Ph:080 2847 2999, email:principal.epcet@eastpoint.ac.in

It is certified that

a) The institute is recognized by the AICTE/UGC.

b) The institute has necessary and adequate infrastructure to host the Virtual Labs.

c) Strict adherence to standard lab procedures and cyber security laws will be followed.

d) Virtual Labs may withdraw/stop connectivity without giving any prior notice or reasons.

e) This EOI for Virtual Labs usage is valid up to 31st December 2023 and requires renewal by the coordinating institute for continued support.

07.11.2023

Signature & Stamp

Mrityunjaya V Latte

Head of Institute / Principal

Date: 07.11.2023

PRINCIPAL
EAST POINT COLLEGE OF
ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.

1. Send the duly signed **SCANNED COPY** of this **EOI** to the **Virtual Labs team.**
2. **Keep the HARD COPY with you in a Virtual Labs file for the record.**

Prof. Mrityunjaya V Latte
PRINCIPAL
EAST POINT COLLEGE OF
ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.