



**SHRAM SADHANA BOMBAY TRUST'S**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BAMBHORI JALGAON M.S.**  
**FIRST YEAR ENGINEERING DEPARTMENT**

**News letter for January to June 2024 (Term-II)**

## Our Inspirations



**Hon. Sou. Pratibhatai Patil, Former President of India & Dr. Devisingh R. Shekhawat, Former Chairman, Governing Body**



**Hon. Raosaheb Rajendraji Shekhawat  
Chairman and Managing Trustee**

## Trinity of Leadership



**Prof. Dr. G. K. Patnaik  
Principal**



**Prof. Dr. S.B. Pawar  
Vice-Principal**



**Dr. Sandip S. Patil  
Head F.E. Dept.**

### Vision of the Institute

Today we carry the flame of quality education, knowledge and progressive technology for global societal development; tomorrow the flame will glow even brighter.

### Mission of the Institute

To provide conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development.

### Vision of the Department

To emerge as a leading First year Engineering department for the overall development of first year engineering students and faculty through academic and Research activities to meet up the global standard

### Mission of the Department

To provide student centric conducive academic, research and value added educational atmosphere by the activities of the faculties of First year engineering department

# University Level Workshop on Syllabus(NEP-2020) Framing for First Year Engineering

A workshop on Syllabus Framing of First Year Engineering was held on January 31st, 2024 at SSBT's College of Engineering & Technology, Bambhori, Jalgaon. The aim of the workshop was to interact with concerned faculty members of affiliated Engineering colleges to develop and design curriculum as per NEP 2020 guidelines. The objectives of the workshop were to: 1. Create awareness about NEP 2020 in the perspective of Bachelor of Engineering 2. Discuss and prepare detail syllabus of First Year Engineering w.e.f 2024-25, 34 faculty members from all affiliated Engineering colleges participated in the workshop.



## Outcomes

- Detailed syllabus of First Year Engineering as per NEP-2020 Guidelines
- Understanding NEP-2020 in the perspective of Bachelor of Engineering towards creating facilities for the implementation



# Science Exhibition-2024

National Science Day is celebrated every year on February 28. This day recalls the notable invention, 'Raman Effect' by India's greatest scientist C. V. Raman. SSBT'S College of Engineering and Technology hosted Science exhibition giving a creative platform to Students for Show casing their Scientific aptitude and motivation . This exhibition consisted of Science models and Posters. The Students gave overwhelming response to this Competition

## Objectives

- To promote interest in Science and Technology among younger generation.
- To provide exploratory experiences, encouraging creative thinking and promoting psychomotor skill among students through self designed models
- To integrating and applying scientific ideas in daily Life.



# MILSTONE-2024

SSBT's College of Engineering and Technology Bambhori, Jalgaon organized the National Level Mega Event "MILESTONE- 2K24". The Event was conducted by Women Faculty Members along with students (03 Faculty Convener and 06 Student Convener). The event was inaugurated with warm welcome & Deep Prajwalan by Dr. G. K. Patnaik - Principal, SSBT's College of Engineering and Technology, Bambhori, Jalgaon (M.S.), Dr. S. L. Patil Principal, SSBT's Arts Commerce Science College, Bambhori, Jalgaon (M.S.), Dr. Amol Landge Principal, SSBT's Institute of Pharmacy, Bambhori, Jalgaon (M.S.) and all Faculty Conveners. Inaugural Speech was given by Dr. G. K. Patnaik. He addressed the participants, that how such type of technical events can enrich their innovative ideas, knowledge, communication skills and abilities because these are the important pillars for any graduates from technical institutions

## Objectives

1. To provide a platform for young brains to showcase their innovative ideas and compete with their peers
2. To demonstrate creativity in designing models using eco- friendly resources.
3. To improve analytical thinking, listening and communication skills.
4. To develop knowledge and innovativeness of students in programming.
5. To create market linkages and scale up small business opportunities.
6. To practice problem solving in a tangible way & complete challenges by working as a team. • To improve problem solving skills and logic.
7. To create a group of young minds with quizzing talent



# Induction -2024

## Objectives of Induction

- To develop professional ethics and human values
- To emerge as a multidisciplinary personality
- To become a proficient communicator
- To develop Knowledge of contemporary issues

As per the guidelines of KBC NMU, Jalgaon and AICTE, Induction program has been conducted to the new students enrolled in 2023-24. It is to make the students to familiar with the new environment and to make a comfortable learning environment. It provides necessary pre requisite skills for professional education like personality development, Aptitude skill, communication skills, employability etc.

## Personality Development through Sahajyog and Meditation

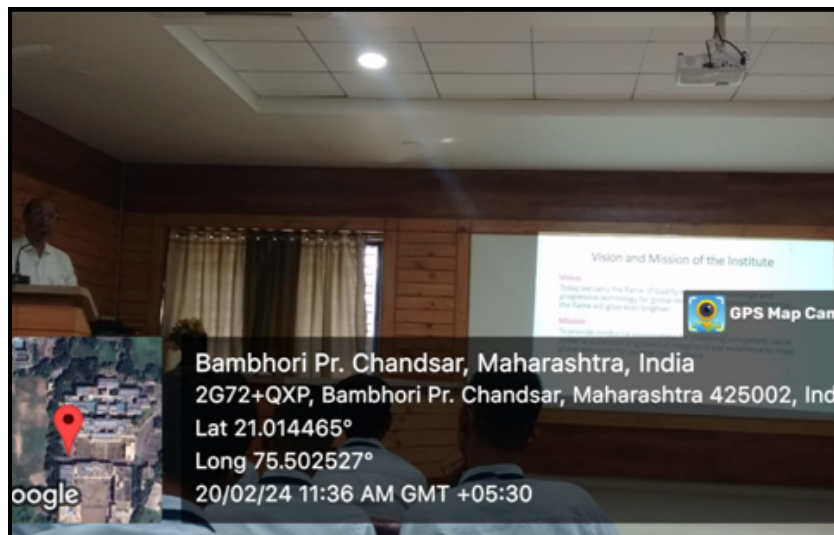
## Outcomes of Induction

A Social adaptation ability developed in students. Students got awareness of Aptitude and importance of communication skills. Students understood the value of team work. Students understood the benefits of Yoga and Meditation. Students are now aware of their responsibility.

## Session on Cancer Awareness Program



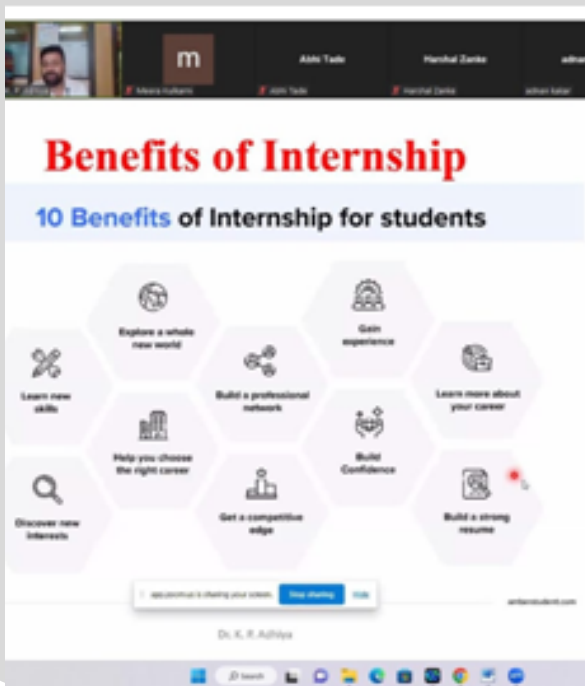
## Sessions on Focused Learning Environment



# Awareness and Opportunities of Internship

Online session on awareness and Opportunities of “Internship” was held on June 21st, 2024 at SSBT’s College of Engineering & Technology, Bambhori, Jalgaon conducted by Prof. Dr. K. P. Adhiya, Computer Engg. Dept. The aim of the session was to interact with student or internship, benefits’ of internship future for opportunity to bring new ideas and energy into the workplace, develop talent and potentially build a pipeline for future full-time employees

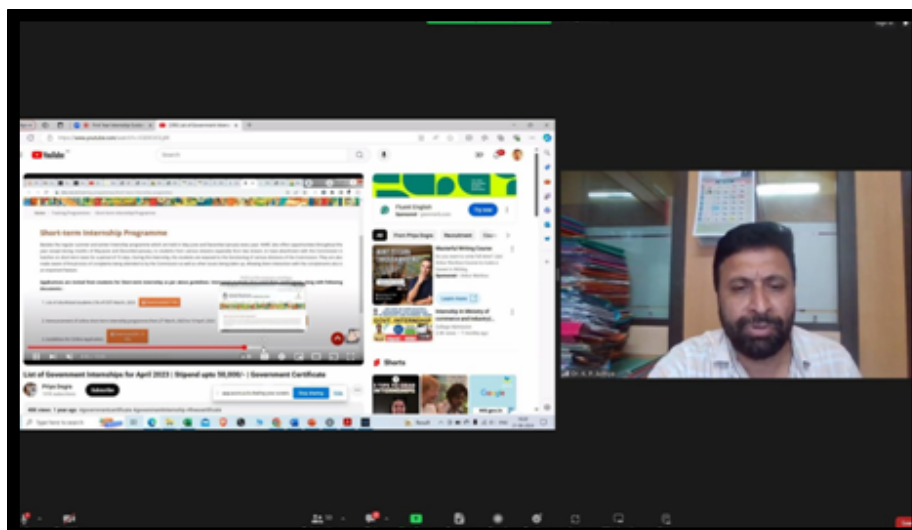
## Benifits



## Guidlines

### During the Internship...

- Keep accurate records of your time.
- Develop a portfolio with your work samples.
- Collect business cards from people you work with.
- Complete the Internship with honesty, dedication and enjoy it. Internship must include design and development of projects assigned by the industry.
- Make yourself industry ready.
- Get the Certificate.



# TEACHER - GUARDIAN SCHEME

Teacher - Guardian Scheme (TGS) is introduced to assist the students in their learning difficulties and to monitor their academic performance regularly. For a batch of about twenty to twenty five students, a teacher is assigned the role of Teacher - Guardian (TG). Teacher -Guardian works as a friend, philosopher and mentor for these students. This scheme is to provide conducive environment to the students and takes some burden off the parents and lessens their anxiety. The students are free to contact the Teacher - Guardian for any kind of problems at any time during college hours. Students may also contact Teacher - Guardian through mobile after college hours.

## Mentors

### Section-A



Mr.U.T.Patil Dr. Sandip Patil Mr.Amol Wani

### Section-B



Meera Kurkarani Tanuja Chauhan Puja Malu

### Section-C



Dr. Sunita Patil Ms. D.I. Desai Mr.P.N.Ulhe

### Section-D



Mr.M.B.Patil Ms. Priti Sharma Mr. C.U.Nikam

### Section-E



Mr. C.U.Nikam Priti Sharma Jayshree Tayade

### Section-F



Ms. Anjali Patil Ms. D.S. Tayade Mr. P.D.Patil

# Research / Patent/Copyrights/Resource Person

## Dr. Sandip S. Patil



### Resource Person

- Dr.Sandip S. Patil, conducted a Session on "Unsupervised Machine Learning and Data Analytics in Python", on 5th June 2024 in the One Week FDP on "Machine Learning and Data Analytics in Python" at Godavari Foundation Godavari College of Engineering Jalgaon MS.
- Dr.Sandip S. Patil, conducted a Session in Pre Ph.D. Course work on Topic "Research Analysis, Hypothesis& Tools of Research" on 6th Feb 2024 in Workshop on Research Methodology (RM-RPE) [Paper I(Section-I)], at Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon MS.

### Patent



Dr.Sandip S. Patil registered a design patent on "MACHINE LEARNING-BASED HUMANOID DEVICE FOR OBJECT IDENTIFICATION" on 14th March 2024 at Patent Office Government of India



### Copyright



Dr.Sandip S. Patil registered a Copyrights "COMPUTATIONAL FRAMEWORK FOR MARATHI WORD SENSE DISAMBIGUATION" on 13th Dec 2023 at Copy Right Office Government of India



# CONFERENCE/WORKSHOP/FDP/NPTEL COURSE Attended by FACULTY MEMBERS

**Mr. Amol C. Wani**



- Participation in One Week Faculty Development Programme” Data Analytics Using Power BI” conducted by AISSMS Institute of Information Technology, Pune
- Participation in 7 Days Online International Faculty Development Program latest trends and techniques in Software Engineering: an Industry Perspective” conducted by CHRIST (Deemed to be University), Bengaluru - India
- Attended National Level Faculty Development Programme (Online)in ‘Exploring the role of Generative AI in Management and Technology’ The Internal Quality Assurance Cell (IQAC) of Marian Academy of Management Studies,Kothamangalam, Kerala of 5 days

**Dr. Sunita S. Patil**



- Participation in 5 days National Level Short Term Training Program” Exploring Quality Research and its Societal Impact’Conducted by Dr.D.Y.Patil Institute of Technology Pimpri, Pune
- Refresher Course in Mathematics and computational Science conducted by UGC-HRD centre SPPU, Pune and KBC,NMU Jalgaon of 14 days
- NPTEL - AICTE Faculty Development Programme” Data Analytics with Python” conducted by IIT Roorkee of 12 week
- Online Faculty Development Program (FDP)’of one week in “Innovative Teaching Learning Tools for Academician” conducted by G.H. Rasoni University, Saikheda

**Mr. Prashant N. Ulhe**



- One Week National Level Interdisciplinary Short Term Training Program (online)’ Exploring Quality Research and its Societal Impact ‘conducted by Department of First Year Engineering and Research & Development Cell, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune
- Five Days Faculty Development Programme(Hybrid ) ‘Intellectual Property Rights, Product Development & Entrepreneurship’ conducted by Poornima College of Engineering, Jaipur, Rajasthan, India
- Participation in One Week Faculty Workshop” Navigating tomorrow with AI, ML and data science for intelligent solutions” conducted by Regional college for Education Research and Technology, Jaipur

**Ms. Meera P. Kulkarni**



- Five Days Faculty Development Programme ‘Green Horizon: Advancement in Environmental Engineering’ conducted by Department of Chemical Engineering, Sinhgad College of Engineering, Pune
- One day Online Orientation Programme ‘Aligning with vision of NEP-2020’conducted by ARCNET India & Climed Research Solution India

# CONFERENCE/WORKSHOP/FDP/NPTEL COURSE Attended by FACULTY MEMBERS

## Ms. Deepmala I. Desai



- 5 Days FDP on 'Green Horizon: Advancement in Environmental Engineering' conducted by Department Of Chemical Engineering, Sighgad College of Tecnology, Pune
- One day Online Orientation Programme' Aligning with vision of NEP-2020'conducted by ARCNET India & Climed Research Solution India
- 5 Days Online Faculty Development Program in' Developing Soft Skill conducted by NITTTR Chandigarh
- NPTEL - AICTE Faculty Development Programme' Effective Engineering in Teaching Practice, conducted by IIT Madras of 4 week
- NPTEL - AICTE Faculty Development 'Basics in Inorganic Chemistry' conducted by IIT Madras of 4 week
- 5 Days FDP on 'Recent trends in Bioprocess Technology; conducted by Department Of Biotechnology, Sighgad College of Tecnology Pune

## Ms. Jayshree R. Tayade



- Two days National level online Workshop 'ADVANCED DIGITAL LITERACY SKILLS' conducted by DIGISKILLS CENTER, A.C.T. Academy, Kerala & Tamil nadu
- One day Online Orientation Programme' Aligning with vision of NEP-2020 'conducted by ARCNET India & Climed Research Solution India
- 4 weeks NPTEL - AICTE Faculty Development Programme " Introduction of probability and Statistics' conducted by IIT Madras

## Ms. Dhanashree S. Tayade



- One week Microsoft, SAP & AICTE Faculty Development Program' AI Evolution: From Foundations to Generative AI' conducted by TechSaksham, Edunet Foundation
- 4 weeks NPTEL - AICTE Faculty Development Programme' Python for Data Science conducted by IIT Madras

## Ms. Tanuja Y. Chouhan



- One Week National Level Interdisciplinary Short Term Training Program(STTP)' Exploring Quality Research and its Societal Impact 'conducted by Department of First Year Engineering and Research & Development Cell, Dr. D. Y. Patil Institute of Technology
- 4 weeks NPTEL - AICTE Faculty Development Programme' "Effective Engineering in Teaching Practice, conducted by IIT Madras



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**Result Analysis (Dec-2023 Examinations)**

**UNIVERSITY TOPPERS**

University Rank	Branch	Name Of Student	SGPA
1	Computer	MAHAJAN BHUMIKA DILIP (ANITA)	9.33
2	Computer	CHAUDHARI SEJAL CHHOTU (NANDINI)	9.11
3	Computer	CHAVHAN REVA VASUDEV (JYOTI)	9
4	Computer	SONAWANE NIKITA DNYANESHWAR (CHHAYA)	8.83
5	Computer	DHORAN RUCHITA BHAGWAN (MANGALA)	8.83
5	Electrical	GAYATRI VIVEKANAND BAGUL (SUNITA)	8.78
6	Computer	PATIL MEGHA MANOJ (SUVARNA)	8.78
6	Computer	PATIL JAYSHREE GAJENDRA (JYOTI)	8.67
6	Computer	MORE MAHESH SHIVDAS (KALPANA)	8.61
7	CIVIL	WARULE GAURAV NITIN (BHARTI)	8.58
8	Computer	KAZI MUHIB KADIR AHMED (WAJEDA TABBASUM)	8.56
8	Computer	BADGUJAR BHAGYASHRI MAHESH (AASHA)	8.56
9	Computer	PATIL PRATIK RAJESH (KALPANA)	8.56
10	Computer	CHAUDHARI VAISHNAVI SHIVNATH (VIDYA)	8.5



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**Result Analysis (Dec.-2023 Examinations)**  
**BRANCH TOPPERS**

ROLL NO	Section	Branch	Name Of Student	SGPA
A75	A	Chemical	CHAWLA PIYUSH SANTOSH (KOMAL)	7.47
A79	A		PAWAR LOKESH BHOJUSING (SARLABAI)	6.53
A71	A		HAVAN VARUN VIJAY (NITA)	6.00
A41	A	Civil	WARULE GAURAV NITIN (BHARTI)	8.58
A36	A		DAIVADNYA DEVSHRI NARENDRA (VAISHALI)	8.00
A42	A		THORVE VIRESH SANTOSH (KARUNA)	7.47
A15	A	Mech	SURYAWANSHI MAHESH DEVANAND (PRATIBHA)	8.16
A23	A		DUSANE GAURAV SANJAY (NALINI)	8.16
A17	A		INGLE DNYANESHWARI UDDHAV (ASMITA)	7.58
C18	C	Computer	MAHAJAN BHUMIKA DILIP (ANITA)	9.33
C22	C		CHAUDHARI SEJAL CHHOTU (NANDINI)	9.11
C06	C		CHAVHAN REVA VASUDEV (JYOTI)	9
E 01	E	E&TC	PATIL NAMRATA SHANTARAM (RANJANA)	8.17
E 15	E		PATIL SANKET GULAB (NALINI)	7.94
E 21	E		CHAUDHARI VAISHNAVI SAMADHAN (SHOBHA)	7.89
F38	F	ELE	DHORAN RUCHITA BHAGWAN (MANGALA)	8.83
F01	F		SHINDE DEVYANI MEGHRAJ (KAVITA)	8.44
F12	F		PATIL HEMANT RAJU (RAJASHRI)	8.44