



Sant Dnyaneshwar Shikshan Sanstha's  
Annasaheb Dange College of Engineering and Technology, Ashta  
(An Autonomous Institute, Affiliated To Shivaji University, Kolhapur)



**Department of Basic Sciences**

**Academic Year-2022-23**

**THE NEWSLETTER**



- **Institute Vision:**

‘To be a Leader in Producing Professionally Competent Engineers.’

- **Institute Mission:**

We at ADCET, Ashta are committed to achieve our vision by:

- ✓ Imparting effective outcome-based education.
- ✓ Preparing students through skill-oriented courses to excel in their profession with ethical values.
- ✓ Promoting research to benefit the society.
- ✓ Strengthening relationship with all stake holders.




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## Welcome note by Head of Department:



Prof. S. S. Mohite  
Head of Basic Sciences Department

**Department of Basic Sciences** proudly presents News Letter for the academic year 2022-2023, where it showcases all the activities undertaken by the department on academic and social front for the First year B. Tech students. The Annual News Letter is not only lists out department's activities throughout the academic year but its analysis helps in planning future induction/orientation activities as News Letter sets it as a benchmark for all the future development. The Department is committed to the vision and mission of the institute. Department attains core competencies in Basic Sciences, Humanities and Engineering Courses. Department has highly qualified faculty members, currently there are three NET qualified, two doctorate and 5 faculty members who are pursuing their doctorate. First year has discipline wise curriculum. Prominent strength of Department is its robust mentoring system, as students who just passed there's 12<sup>th</sup> need tender support and care under the guidance of Central Counsellor. All faculty members plays role of mentor. Activity based assessment is adopted by the department; various rubrics are prepared and used for effective assessment of students.

I appreciate the efforts taken by the Mr. A.A. Patil, Editor of the Newsletter, Mr. S.G. Rawal for designing the Newsletter. I am thankful to all faculties and non-teaching staff of Basic Science Department for their active involvement in teaching –learning process.

Prof. S. S. Mohite  
Head of Basic Sciences Department



## **From the Editor's Desk:**



Mr. A. A. Patil  
Editor, Newsletter-2022-23

Dear Readers,

I am very much pleased to handover annual Newsletter of Basic Sciences Department for the academic year 2022-2023. It is yet another milestone in department's journey towards excellence. It is an attempt to showcase the best practices of the department. It also highlights achievements of students and faculties in the current academic year. The Newsletter throws light upon various academic, technical, social, outreach and outcome based education related activities conducted effectively by the Basic Science department in academic year-2022-23.

I would like to appreciate all faculties' contribution and the efforts taken by them under the guidance and constant support of Prof. S. S. Mohite, Head of the Basic Sciences Department. We would like to extend our sincere gratitude towards Hon. Dr. Annasaheb Dange, Founder of Sant Dnyaneshwar Shikshan Sanstha, Islampur, Adv. Chiman Bhau alias Rajendra Dange, Secretary, Sant Dnyaneshwar Shikshan Sanstha, Islampur, Prof. R. A. Kanai, Hon. Executive Director, Sant Dnyaneshwar Shikshan Sanstha, Islampur and Dr. V.S. Patil, Director, ADCET, and the Management of ADCET for their continuous support and encouragement. Thank you!

Mr. A. A. Patil  
Assistant Professor,  
Basic Sciences Department

## 1. Initiatives of Department

### 1.1 Orientation Program (2022-23)

We, at ADCET, having great culture called ‘ADCET Culture’ that consists of healthy academic environment suited to all round development of student, having extraordinary infrastructure that promotes an excellence of student with great academic discipline and smart and intellectual community in place. In order to get students acquainted with this new world of ADCET, we initiated this Induction Program by conducting ‘Orientation Program’ to create student's familiarity with the institution's regulations and academic standards, acquaint the students with their classmates and to learn about the other institutional members that will help students succeed. This ‘Orientation Program’ was conducted inside the campus of ADCET, inaugurated with grand welcome ceremony held at campus. It was great experience to see a huge crowd full of parents and students and an extraordinary arrangement done by organizing committee of ceremony. All the present parents and students were welcomed by **Prof. S. S. Mohite**, HOD Basic sciences followed by words of **Dr. Vikram Patil**, Director of ADCET. Who inspired all students with his words and he provided guidelines to be followed being an ADCETians. Hon. Secretary of Sant Dnyaneshwar Shikshan Sanstha, **Mr. Chiman Bhau Dange** motivated all students for further learning and made awareness among parents about their responsibility towards their children.

A voice of youth and well-known speaker, who is youth icon and great orator, **Mr. Vasantrao Hankare** was chief guest invited by department for this welcome function. Mr. Hankare sir talked about ‘How to have a happy life’ and touched many times his words “Chala Anandi Jivan Jaguya” and tried to touch the actual reality of today’s youth in his speech. It was not only a speech but a great message of great man to the crowd gathered over there. A grand ceremony ended up by vote of thanks given by Central Counsellor Prof. Kapil Lalit sir.



Lamp Lighting by Adv. Rajendra Dange, Secretary, SDSS, Islampur



Dr. Vikram S. Patil, Director, ADCET felicitating Adv. Rajendra Dange, Secretary, SDSS, Islampur



Adv. Rajendra Dange ,Secretary, SDSS, Islampur felicitating Mr. Vasant Hankare, Eminent Speaker



Adv. Rajendra Dange ,Secretary, SDSS, Islampur addressing to students and parents



Vasant Hankare , Eminent Speaker addressing to the students and parents



Attendance of students and parents

## 1.2 Induction Program

As per guidelines given by AICTE, Delhi each college has to conduct induction program for first year B. Tech students. The purpose of our Student Induction Program is to help new students settle in and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to the sense of larger purpose and self-exploration.

This Inaugural function for First Year students, which marks the beginning of their Academic Year 2022-23, and signifies their first step into their Engineering career, was held on 07th November 2022. On very first day of the induction program i.e., on 07/11/2022, Students and their parents were formally welcomed and introduced to the culture of the College, campus and Basic Science Department. At the time of introduction president of the Sant Dnyaneshwar Shikshan Sanstha, Hon. Annasaheb Dange, Secretary Adv. Rajendra Dange and Executive Director Prof. R.A. Kanai were present. Dr. Vikram S. Patil, Director, ADCET and H.O.D.'s of all the departments were also present there for the ceremony.

Form 07<sup>th</sup> of Nov. 2022 to 24<sup>th</sup> Dec. 2022, scheduled program was run where Director, deans, faculties, institute counsellor and motivational speaker came up with different topics to induct newly admitted students. The session for activities like dancing, playing various instruments, was also held for students. Along with these students were participated in various sports activities as per their interests. Students appreciated institutional initiation at the time of feedback.

• **Schedule of the Programme**

The following table contains the Induction-cum Orientation program schedule followed by the Institute for the F.Y. B. Tech students:

<b>Class- F. Y. B. Tech (All Divisions)</b>	<b>DIV A</b>	<b>DIV B</b>	<b>DIV C</b>	<b>DIV D</b>	<b>DIV E</b>	<b>DIV F</b>	<b>DIV G</b>	<b>DIV H</b>	<b>DIV I</b>	<b>DIV J</b>	<b>DIV K</b>
<b>Day and Date</b>											
<b>Day 1</b> (07/11/2022) Monday	Orientation Program Time: 10.00 am to 1.30 pm										
<b>Day 2</b> (08/11/2022) Tuesday	Interaction with students by all H.O.D.'s , Eminent Speaker Lecture – Prof. Gopal Gupta - 11.30 pm to 1.30 pm ( Universal Human Values) , Interaction with Subject Teachers.										
<b>Day 3</b> (09/11/2022) Wednesday	Interaction with students by Dean Academics, Dean Administration, T.P.O, C.O.E, Students Council In charge										
<b>Day 4</b> (10/11/2022) Thursday	Interaction with students by H.O.D.- Basic Sciences, Counsellor, N.S.S. In charge, Eminent Speaker- Mr. Sharad Tandale, Kit Distribution.										
<b>Day 5</b> (11/11/2022) Friday	Session on Universal Human Values-9.15 1m to 11.15 am & 11.15 pm to 1.30pm) English Proficiency Test- 9.15 1m to 11.15 am & 11.15 pm to 1.30 pm)										
	Mentor-Mentee Introduction Meeting (from 2.15 pm to 3.15 pm) Venue: Auditorium Hall										
<b>Day 6</b> (12/11/2022) Saturday	Local Area Visit Venue: ADCET Campus, Ashta										
<b>Day 7</b> (16/12/2022) Wednesday	Session of Industrial Expert- Mr. Nitin Mule, Metaroll ISPAT Pvt. Ltd. Jalna.										
<b>Day 8</b> (19/11/2022) Saturday	Sports Activities										
<b>Day 9</b> (23/11/2022) Wednesday	Health Workshop for Girls – By Dr. Varsha Khot										
<b>Day 10</b> (26/11/2022) Saturday	Session on Universal Human Values										
<b>Day 11</b> (01/12/2022) Thursday	World AIDS Day Street Play by F.Y. C.S.E. Students										
<b>Day 12</b> (03/12/2022) Saturday	English Club Formation and Extempore Competition										
<b>Day 13</b> (05/12/2022) Monday	Visit to Ashram Shala, Ashta for F. Y. B. Tech- Electrical & Aeronautical										
	Social Activity- Manuskichi Bhint- arranged by F. Y. B. Tech-Mech., Food & Civil										
<b>Day 14</b> (07/12/2022) Wednesday to 09/12/2022 Friday	Mentor-Mentee Activity Session										
<b>Day 15</b> (10/12/2022) Saturday	Session on IDBI Bank Account Opening & Banking Procedure										
<b>Day 16</b> (13/12/2022) Monday & (16/12/2022) Friday	Technical Poster Presentation Activity for F. Y. B. Tech-Mechanical & Electrica										
<b>Day 17</b> (15/12/2022)	Session on Importance of Voting & Registration Activity by Mrs.										



Thursday	A. K. Patil
<b>Day 18</b> (17/12/2022) Saturday	Anti-Ragging Awareness Program
<b>Day 19</b> (17/12/2022) Saturday to (20/12/2022) Tuesday	Passport and Pan Card Camp
<b>Day 20</b> (21/12/2022) Wednesday to (23/12/2022) Friday	Session on How to Face Examination and Stress Management
<b>Day 21</b> (24/12/2022) Saturday	Local Area Visit- Yoga at Mallikarjun Mountain (from 7.00 am to 10.00 am) Session on Yoga and its importance in daily life by Mr. K. Chandra -2.15 pm to 4.15 pm

• **Glimpses of Induction Program**



Dr. Vikram S. Patil, Director, ADCET addressing students



Guidance by Dr. Gopinath S., Dean Academics, ADCET



Guidance by Prof. S.B. Hivarekar, Registrar & Dean Administration, ADCET



Prof. S. S. Mohite, H.O.D.- Basic Sciences addressing students



Guidance by Dr. V. B. Patil, Controller of Examinations, ADCET



Guidance by Prof. Suhel Sayyad, Training & Placement Officer, ADCET





Brain-storming session by Counsellor - Kapil Lalit



Carom



Dance



Chess



Badminton



Football

## 2. Academic Initiatives:

### 2.1 Department Calendar:

Academic Calendar of the department provides information of the academic activities to students as well as faculty members, which can be referred by both to plan their activities through the semester. Initially Academic calendar is prepared for both semester of F.Y. B. Tech consisting of Academic activities, Examination and technical activities etc.



**Annasaheb Dange College of Engineering and Technology, Ashta**  
(An Autonomous Institute)

Tal : Walwa, Dist : Sangli, Maharashtra, India 416 301

**DEPARTMENT OF BASIC SCIENCES**

Academic Calendar : 2022-23

F. Y. B. Tech. Odd Semester

Week	Month	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Working Days (95)	Remarks
1	November	7	8	9	10	11	12	13	6	07 <sup>th</sup> Nov: Commencement of odd semester.
2	November	14	15	16	17	18	19	20	6	07 <sup>th</sup> Nov: Orientation Program 08 <sup>th</sup> to 12 <sup>th</sup> Nov: Induction Program
3	November	21	22	23	24	25	26	27	6	5 <sup>th</sup> Dec: Attendance Review
4	November	28	29	30	1	2	3	4	6	12 <sup>th</sup> to 17 <sup>th</sup> Dec: ISE-I Week 19 <sup>th</sup> to 23 <sup>rd</sup> Dec: Faculty Feedback-I
5	December	5	6	7	8	9	10	11	6	25 <sup>th</sup> Dec: Christmas 26 <sup>th</sup> to 31 <sup>st</sup> Dec -MSE
6	December	12	13	14	15	16	17	18	6	5 <sup>th</sup> Jan: Attendance Review
7	December	19	20	21	22	23	24	25	6	6 <sup>th</sup> Jan: Result declaration of MSE
8	December	26	27	28	29	30	31	1	6	8 <sup>th</sup> to 12 <sup>th</sup> Jan: Annual Sports 13 <sup>th</sup> & 14 <sup>th</sup> Jan: Annual Gathering Sneh 23
9	January	2	3	4	5	6	7	8	6	15 <sup>th</sup> Jan: Makar Sankranti 19 <sup>th</sup> Jan: Sanstha Sneha-melava
10	January	9	10	11	12	13	14	15	6	21 <sup>st</sup> Jan: Parents Meet 26 <sup>th</sup> Jan: Republic Day
11	January	16	17	18	19	20	21	22	6	5 <sup>th</sup> Feb: Attendance Review
12	January	23	24	25	26	27	28	29	6	08 <sup>th</sup> Feb: Blood Donation Camp 6 <sup>th</sup> to 11 <sup>th</sup> Feb: ISE-II Week
13	Jan/Feb	30	31	1	2	3	4	5	6	13 <sup>th</sup> to 17 <sup>th</sup> Feb: Faculty Feedback-II 18 <sup>th</sup> Feb: Mahashivratri
14	February	6	7	8	9	10	11	12	6	19 <sup>th</sup> Feb: Chhatrapati Shivaji Maharaj Jayanti 24 <sup>th</sup> Feb: Conclusion of Teaching for Odd Semester
15	February	13	14	15	16	17	18	19	6	25 <sup>th</sup> Feb: Display of XX grade students list
16	February	20	21	22	23	24	25	26	5	27 <sup>th</sup> Feb to 4 <sup>th</sup> Feb: ISE for Laboratory Courses
17	February	27	28	1	2	3	4	5		6 <sup>th</sup> to 18 <sup>th</sup> March: ESE for Theory Courses
18	Feb/March	6	7	8	9	10	11	12		8 <sup>th</sup> Mar: Dhulivandan / Holi 12 <sup>th</sup> Mar: Rangpanchami 22 <sup>nd</sup> Mar: Gudi padwa
19	March	13	14	15	16	17	18	19		25 <sup>th</sup> March: Declaration of Result
20	March	20	21	22	23	24	25	26		3 <sup>rd</sup> to 8 <sup>th</sup> April: Re-Exam: ESE
21	March	27	28	29	30	31	1	2		15 <sup>th</sup> April: Result declaration of Re-Exam ESE
22	April	3	4	5	6	7	8	9		10 <sup>th</sup> April: Commencement of Teaching (Even Semester)

**Departmental Activities:**

Students Counseling	Every Saturday	STTP / Workshop	May -2023
III Interaction	May-2023	Expert Lectures	3 <sup>rd</sup> Saturday Every Month
Soft Skill Training (English Club)	2 Days/Division/ Per week	Academic & Mentoring Review	4 <sup>th</sup> Saturday Every Month

I/O D	 Dean Academics	 Director
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NDCET

**Annasaheb Dange College of Engineering and Technology, Ashta**  
(An Autonomous Institute)

Tal.: Walwa, Dist.: Sangli, Maharashtra, India 416 301

DEPARTMENT OF BASIC SCIENCES

Academic Calendar: 2022-23

F. Y. B. Tech. Even Semester

Week	Month	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Working Days(97)	Remarks
1	April	10	11	12	13	14	15	16	05	10 <sup>th</sup> April: Commencement of Even semester. 10 <sup>th</sup> to 15 <sup>th</sup> April: Proficiency Test
2	April	17	18	19	20	21	22	23	05	14 <sup>th</sup> April: Dr. B.R. Ambedkar Jayanti 22 <sup>nd</sup> April : Ramazan Idul Fitr
3	April	24	25	26	27	28	29	30	06	1 <sup>st</sup> May : Maharashtra Day 5 <sup>th</sup> May : Attendance Review
4	May	1	2	3	4	5	6	7	05	6 <sup>th</sup> May : Lakshya-2023 8 <sup>th</sup> May : Defaulter Parents Meet
5	May	8	9	10	11	12	13	14	06	8 <sup>th</sup> to 10 <sup>th</sup> May: ISE-I 14 <sup>th</sup> to 28 <sup>th</sup> May : Summer Vacation
6	May	15	16	17	18	19	20	21	06	1 <sup>st</sup> to 6 <sup>th</sup> June : Faculty Feedback-I 4 <sup>th</sup> June : Attendance Review & Display of Defaulter List
7	May	22	23	24	25	26	27	28	06	5 <sup>th</sup> June : Defaulter Parents Meet
8	May/ June	29	30	31	1	2	3	4	06	20 <sup>th</sup> June : Review of Faculty Feedback-II 12 <sup>th</sup> to 17 <sup>th</sup> June -MSE
9	June	5	6	7	8	9	10	11	06	21 <sup>st</sup> June : Result declaration of MSE 28 <sup>th</sup> June : Bakrid Eid al Adha
10	June	12	13	14	15	16	17	18	06	3 <sup>rd</sup> July : Attendance Review & Display of Defaulter List
11	June	19	20	21	22	23	24	25	06	17 <sup>th</sup> to 22 <sup>nd</sup> July : ISE-II 24 <sup>th</sup> to 26 <sup>th</sup> June : Faculty Feedback-II
12	June/ July	26	27		29	30	1	2	05	30 <sup>th</sup> June : Review of Faculty Feedback-II 4 <sup>th</sup> August : Academic Term End.
13	July	3	4	5	6	7	8	9	06	5 <sup>th</sup> August : Display of XX grade students list 4 <sup>th</sup> to 5 <sup>th</sup> August : Course Exit
14	July	10	11	12	13	14	15	16	06	Survey/Feedback 12 <sup>st</sup> to 18 <sup>th</sup> Aug: ESE for Theory Courses
15	July	17	18	19	20	21	22	23	06	19 <sup>th</sup> to 23 <sup>rd</sup> Aug : ESE for Laboratory Courses
16	July	24	25	26	27	28	29	30	06	28 <sup>th</sup> Aug : Result declaration of ESE Exam 11 <sup>th</sup> to 16 <sup>th</sup> Aug: Re-ESE for Theory Courses
17	July/August	31	1	2	3	4	5	6	05	15 <sup>th</sup> Aug: Independence Day 30 <sup>th</sup> Aug: Raksha Bandhan
18	August	7	8	9	10	11	12	13		20 <sup>th</sup> Sept : Result declaration of Re-ESE Exam 27 <sup>th</sup> Sept to 11 <sup>th</sup> Oct : 100% Examination (Term-I & II)
19	August	14		16	17	18	19			20 <sup>th</sup> Oct : Declaration of Result 100%

**Departmental Activities:**

Students Counseling	Every Saturday	STTP	May - August
III Interaction	August-2023	Expert Lectures	3 <sup>rd</sup> Saturday Every Month
Soft Skill Training (English Club)	2 Days/Division/ Per week	Academic & Mentoring Review	4 <sup>th</sup> Saturday Every Month

HOD	Dean Academics	Director
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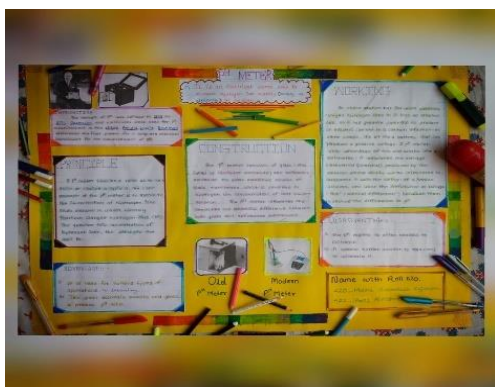


## 2.2 Activity based Assessment:

In the department of Basic Sciences, Activity-based assessment is adopted. It plays role in evaluating students learning apart from traditional bookish knowledge. It evaluates student's participation in activity as well as various other aspects of learning. Activity based assessment is preferred for in – Semester- Evaluation of theory courses. Students are oriented well in advance by floating the mode of the assessment by the course teacher. Various activities were conducted as part of I.S.E. These activities are mentioned in the below table:

Sr. No.	Mode of conduct of Exam	Sr. No.	Mode of conduct of Exam
1	Group Activities	10	Topic Presentations
2	Poster presentation	11	Problem solving activity
3	Videos	12	Demos
4	Group discussion	13	Compact Analysis (Individual Analysis)
5	Spot presentation	14	Assignment & oral
6	Jigsaw puzzle	15	Programming
7	Mini Models & oral	16	Case Study
8	Quizzes	17	Review Activity (Recent Trends)
9	Seminars	18	Competitions

- **Glimpses of Activity based Assessment**



Poster presentation online mode



Assignment mode of ISE



Problem Solving Activity as an ISE



Spot Presentation



Mech with Rangoli as an ISE



Bulb Making Activity as an ISE

### 2.3 Academic Results (Semester – I)

All the students performed good in their examinations. In Semester-I 2023, 502 students appeared for the examinations and 460 students passed successfully i.e., 91.63.81% of were passed in all courses. Details of the results are mentioned in the table.

#### Branch-wise Performance of Students

Sr. No.	Branch	No of Students Appeared	No of Students Clear Pass	Overall Passing	% of Passing
1	Mechanical Engineering	57	54	54	94.74
2	Electrical Engineering	119	114	114	95.80
3	Computer Science & Engineering	140	130	130	92.86
4	Food Technology	4	4	4	100.00
5	Civil Engineering	9	7	7	77.78
6	Aeronautical Engineering	52	36	36	69.23
7	Artificial Intelligence & Data Science	65	59	59	90.77
8	Computer Science & Engineering (IoT, CS)	61	56	56	91.80
	Total	<b>502</b>	<b>460</b>	<b>460</b>	<b>91.63</b>

No of Student in a Class	508	No of Students Fail with One Sub	24
No of Student Appeared for Exam	502	No of Students Fail with Two Sub	8
No of Clear Pass Students	460	No of Students Fail with Three Sub	3
No of Students Pass- Overall	460	No of Students Fail with Four Sub	2
No of Students Fail	42		
Over-All Passing Percentage	91.63	No of Students Detained/Absent:	2/4

#### List of Toppers -Basic Sciences Department:

Sr. No.	NAME OF STUDENT	BRANCH	FYPI
1	SHIRKE GAYATRI GORAKHNATH	ELECTRICAL	9.52
2	JADHAV ANUJ ARVIND	MECHANICAL	9.47
3	PAWAR PRANALI PRAMOD	COMPUTER SCIENCE	9.45



## 2.4 Attendance Monitoring:

Attendance is very important for better learning of the students. There is a strong correlation between students' attendance and academic performance and success. With regular attendance, students gain academic, personal, and professional benefits. In department of Basic Sciences Attendance is continuously monitored. Each Course coordinator submits attendance of the student on online mode every month. Students attendance is communicated to their parents at the end of every month. Counselling is done of irregular students to find out reasons. Mentors and Class teacher take initiatives in it. Students whose attendance is very poor are not allowed to appear for examination. As a result of continuous monitoring of attendance, very less number of students were having attendance less than 75 percent.

### Branch-wise attendance of students

Sr. No.	Name of Branch	No. of students with Attendance				
		>95%	90-94%	85-89%	80-84%	75-79%
1	Mechanical Engineering	17	20	13	3	2
2	Electrical Engineering	42	48	16	9	2
3	Civil Engineering	4	2	2	-	-
4	Food Technology	1	3	-	-	-
5	Aeronautical Engineering	9	16	8	11	8
6	Computer Science Eng.	22	40	35	26	10
7	AI & DS	9	24	13	10	3
8	IOT, CS	5	26	15	10	2
	<b>Total</b>	<b>140</b>	<b>172</b>	<b>79</b>	<b>43</b>	<b>37</b>

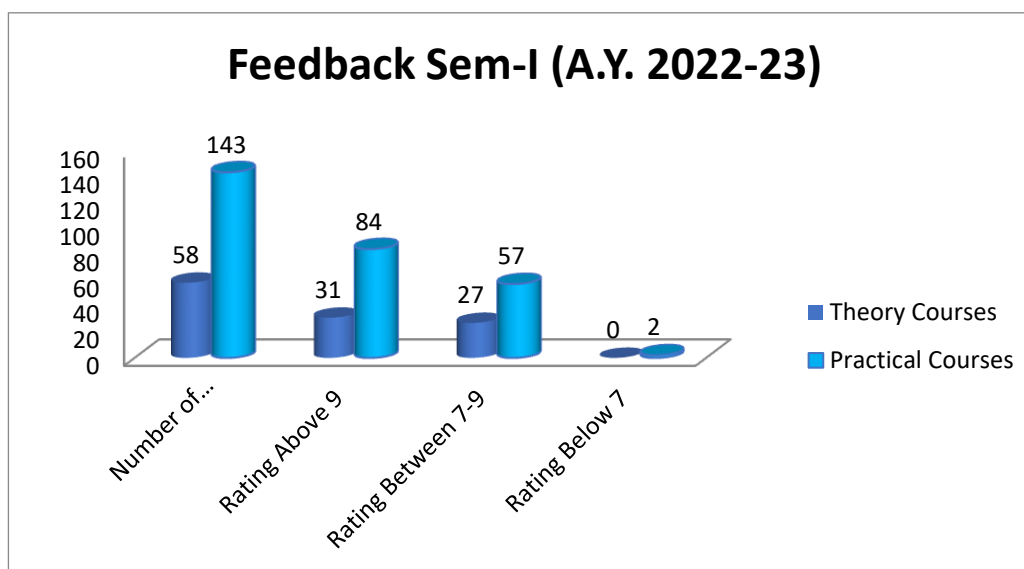
## 2.5 Students' Feedback on Teaching:

Feedback is considered as soul of any communicative event. Classroom teaching is also a type of communication. ADCET always strive to strengthen Teaching Learning Process. In this regard feedback is conducted in the Department. It is used to strengthen teaching quality. It is recognized as having a formative impact on learning in the department of Basic Sciences feedback is conducted on Online system whose address-<https://150.129.131.182/SAINT.aspx>

Feedback is conducted once in a semester. Re-feedback is conducted for courses/faculties whose rating is below 7. A feedback rating above 9 is considered as an Excellent and faculty member is provided appreciation letter. Feedback rating less than 7 is considered as poor and faculty member is suggested to revisit his teaching methods and strategies, after some week's re-feedback is conducted for those faculty members. Academic Year 2022-23, In Semester-I, feedback is conducted for 58 theory courses and 143 practical courses. Out of it 31 faculty members were rated above 9 for theory courses and 84 faculty members were rated above 9 for practical courses.

### Status of feedback

Academic Year- 2022-23	SEM - I	
Particulars	Theory Courses	Practical Courses
Number of Courses/Faculties	58	143
Rating Above 9	31	84
Rating Between 7-9	27	57
Rating Below 7	0	2



## 3. Technical Exposure/ Events

### 3.1 Annual Event – ‘Lakshya’

SANT DNYANESHWAR SHIKSHAN SANSTHA'S  
**Annasaheb Dange College of Engineering and Technology, Ashta.**  
 (An Autonomous Institute affiliated to Shivaji University, Kolhapur)

**Department of Basic Sciences**

**LAKSHYA 2023** **6 MAY 2023**

Organized by FESA

**Maths Marathon**  
Div- H (CSE)  
Mrs.S.S. Mohite  
1)Mr. Sumit Dhokale (8668300443)  
2)Ms. Asmita Sutar (7397928623)

**Wheel pe Reel**  
Div- B (IoT)  
Mr. Kapil Lalit  
1)Mr. Gajanan Jadhav (9699939341)  
2)Ms. Valbhavi Patil (8265046404)

**Model Making**  
Div- I (CSE)  
Mr.R.B. Deshmukh  
1)Mr. Acharva Patil(9322392155)  
2)Ms. Samruddhi Lad(8485064745)

**Tech Talk**  
Div- A (Mech)  
Mr.A.G. Shinde  
1)Pranav Suryawanshi (9975258600)  
2)Ms. Nibita Shendage (8669097141)

**Debate**  
Div- D (Elect)  
Mr.M.D. Patil  
1)Mr. Gaurav Patil (8767993317)  
2)Ms. Shivani Jadhav (9322809479)

**Technical Rangoli**  
Div- G (Aero)  
Ms.P.R. Phalake  
1)Mr. Bhavik Kale (9209265085)  
2)Ms. Disha Gavali (9730560433)

**Edit pe Credit**  
Div- C (Elect)  
Mr.A.A. Patil  
1)Mr. Vivek Borage (8080220991)  
2)Ms. Gayatri Shirke (7350784190)

Coordinator: Ms.P.R. Phalake  
Co-coordinator: Mr.A.A. Patil  
Co-coordinator: Mr.A.S. Tate

**Webshapers**  
Div- J (AI&DS)  
Mr. Nityoj Nadaf  
1)Mr. Vishwajeet Bodake (7775092092)  
2)Ms. Rutuja Patil (8080045196)

**Drawing and Painting**  
Div- E & F (Civil & Food)  
Mr.S.B. Mali  
1)Mr. Sanket Pawar (8080903064)  
2)Mr. Shreyash Patil (9322430933)

We are going to choose  
**FOBS-Face of Basic Sciences**

We are going to choose  
**Best event organizer division**

President: Ms.Janhavi Patil (9594375175)  
Vice-President: Mr.Kartik Gupta (9696525868)

Prof. S.S. Mohite  
HOD, Basic Sciences

Dr. Gopinath S.  
Dean, Academics

Prof. S. B. Hivarekar  
Registrar, ADCEET

Dr. Vikram S. Patil  
Director, ADCEET

Prof. R. A. Kanai  
Exe. Director, SDSE

Adv. R. R. Dange  
Secretary, SDSE

LAKSHYA -2K23 was organized by FESA (First Year Students Association) on 06th May 2023. Lakshya 2023 event was initiated and inaugurated, at the ADCET Auditorium Hall under the guidance of our dynamic H.O.D. of Basic Sciences, Prof. S. S. Mohite. The main purpose of organising Lakshya is to provide a platform to First Year B. Tech students, encouraging co-curricular participation and initiating formal skill development. The following activities were organized: Maths Marathon, Debate, Drawing & Painting, Model Making, Tech Talk, Edit Pe Credit, Technical Rangoli, Reel Pe Wheel and Webshapers. To promote active participation in various events, Face of Basic Science (FOBS) competition was introduced for a special prize. All the F.Y. B. Tech students participated in Lakshya event with enthusiasm. Total entries for Lakshya 2023 were 1078.

Winners and runner up of all the Lakshya 2023 events were felicitated during valedictory ceremony on the same day at 4.00 pm.

### Outcome:

- Participation in Co-curricular activities enhance academic performance of students.
- It regulates students' emotional intelligence.
- Events like Maths Marathon helps students to develop problem-solving skills.
- Events like Tech Talk, Debate increases student's stage daring, boost in confidence and Improves students' oral communication skills.
- Events like Edit Pe Credit increases students awareness about Written Communication Skills.
- While participating in competition of model making, students' skills are developed such as critical thinking, multitasking, working in multidisciplinary teams etc.

Students Participation in Different Events		
Sr. No.	Name of Event	Number of Students Participated
1.	MATHS MARATHON	239
2.	TECH TALK	24
3.	DEBATE	58
4.	MODEL MAKING	131
5.	DRAWING & PAINTING	83
6.	EDIT PE CREDIT	111
7.	WEBSHAPERS	114
8.	TECHNICAL RANGOLI	153
9.	REEL PE WHEEL	165
<b>Total Participants</b>		<b>1078</b>

### • Lakshya Event Moments 2023



Adv. Chiman Bhau Dange, Hon. Secretary, SDSS,



Prof. S.S. Mohite, H.O.D.- Basic Sciences,





**Dr. Vikram S. Patil, Director, ADCET  
inaugurating Edit Pe Credit event**



**Edit Pe Credit**



**Exhibition of Drawing & Painting**



**Maths Marathon**



**Drawing & Painting**



**Drawing & Painting**



**Model Making**



**Technical Rangoli**



### **3.2. National Conference organized by Department of Basic Science :**

#### **One Day National Conference on English Language and Literature Teaching Learning Skills.**

A National Level Conference on English Language & Literature Teaching Learning Skills was organized on **15th April 2023** by The Department of Basic Sciences, ADCET, Ashta. The conference was in hybrid mode and it was inaugurated in the presence of Dr. Vikram Patil, Director ADCET, Dr. P. M. Patil, ACS College, Palus, Dr. Gopinath S., Dr. A. N. Jadhav, Prof. S. S. Mohite, Prof. A. G. Shinde and all faculty members. Total 127 students, research scholars, and faculties were participated in this conference. 56 papers were presented in this conference. The participants were from different states like, Karnataka, Madyapradesh, Uttar Pradesh, Tamilnadu, Assam, Gujrat, Punjab etc. This conference got huge response. The selected papers will be published in International Journal with good impact factor. Total 56 papers were presented which followed by the valedictory and certificates distribution program.





**Clicks of the National Conference :**



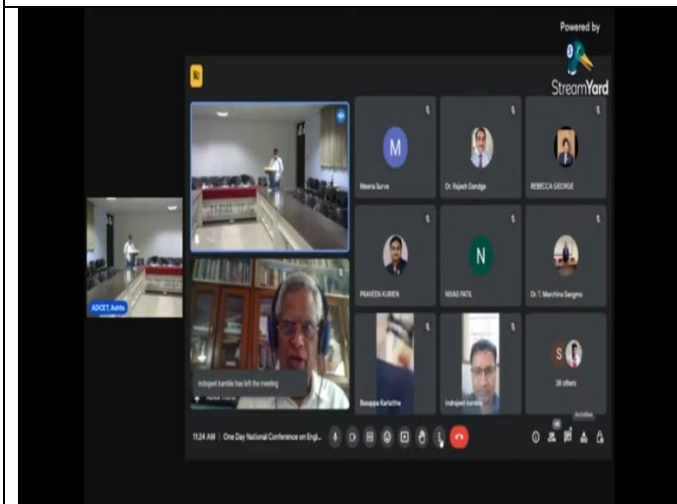
National Conference Inauguration by Dr. Vikram Patil, Dr. P. M. Patil, Prof. S. S. Mohite,

Address by Dr. Viram Patil sir, Director, ADCET.



Welcome speech by Prof. S. S. Mohite HOD, Basic Science Department

Address by Dr. P.M. Patil sir, A.C.S. College, Palus



Guidance by Dr. Ashok Thorat

Participants in National Conference



### 3.3 Study Planning and Exam Preparation:

Planning plays an important role in making things successful. Also, management is another important word. Success of any work or mission depends on minute planning of it. Similarly, success in examination depends upon minute planning and preparation of it, considering SWOT. One should know one's strengths and weaknesses so that he can work on it and convert it into strength. For this purpose, study planning sessions were arranged and conducted for F.Y. B. Tech students in the Department of Basic Sciences, ADCET. ADCET produces ethically sound Technical Man Power. As a part of that students were explained the importance of thinking and choosing means to sack the success. Students were given idea when term ends, when is the "end of teaching", how much time is there in their hand and how they can plan their study, so as to secure marks with fine colours. As far as courses are concerned. Students were advised to /prepare their to – do – list. That is simple things first. Also, they were given the idea regarding what kinds of resources are available for them and how they can utilize it.

During these sessions students were given idea about time management as well as stress management. They were explained about how to manage the time and to find white space. Also, they were told how to manage the stress that arises during study the difficult subject. Some tricks such as studying two courses simultaneously which are having numerical. Importance was emphasized of studying the pattern of previous question paper and referring good quality reference books. Apart from these things effectiveness of Group Discussion, Think Pair and Share was also highlighted along with importance of healthy mental condition during study.

Schedule of the sessions were as follows:

Division	Day & Date	Time	Venue
A, F & H	20/02/2023 Monday	02:15 pm to 4:15 pm	Maths Tutorial Hall
C, D & E	22/02/2023 Wednesday	02:15 pm to 4:15 pm	Maths Tutorial Hall
K & J	23/02/2023 Thursday	11:30 am to 01:30 pm	Maths Tutorial Hall
I & G	24/02/2023 Friday	02:15 pm to 4:15 pm	Maths Tutorial Hall

Proper execution of the plan is also necessary. Students were groomed for each and every possible perspective necessary to fetch out success. All class teachers, Mentors and students thanked Department for arranging such sessions.

#### glimpses of sessions:





### 3.4 Study Club:

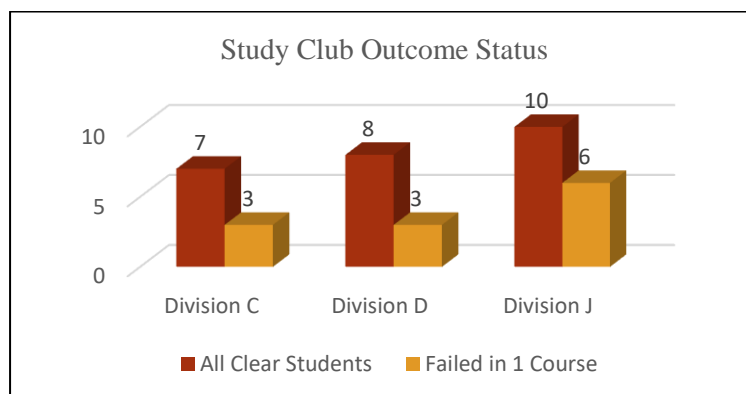
Study of the course or subject matter is an inevitable part of learning. Each learner has to study for better understanding and understanding is an essence of learning. Mostly it is observed that there are many temptations for students in which they spent their time leisurely. This impacts the academics of students. Same thing was observed in the F.Y. B. Tech Students in the department of Basic Sciences during academic year 2022 – 23.

During pandemic students were not familiar with descriptive examinations that are examination in offline mode and without MCQ. Some students were failed in examination. As a remedial activity there was an attempt from Department of Basic Sciences to provide controlled climate for students where students can study in better manner. Where resource persons will be available. Firstly, consent of students was considered and as per their strength venues were allotted. Faculty members were appointed as a facilitator. Role of faculty member was to provide necessary inputs which will become catalytic for their study. About 99 students accepted that they are willing to attend. Self-study club sessions started on 09th Feb 2023. On 12th March Hon. Head of Department addressed the students. In his address he emphasized on importance of self -study habits and how department is providing nice facility for it. Because there were complaints from certain students there is no discipline in reading hall of central library. Faculty members who are teaching to first year were allotted duties to monitor the discipline during the planned study sessions of students.

Study sessions started on 09<sup>th</sup> Feb. 2023 and it was continuing till 18<sup>th</sup> Feb.2023. After that there was break of a week because of Sports week. This session become helpful for students as they studied from exams point of view. Result of the same became visible in students' performance in ISE II. Many students thanked the department for providing the facility.



There was remarkable progress in students who were attending study club regularly. 25 students became all clears, who were attending study club and 12 students Passes in three courses.



	Division C	Division D	Division J
All Clear Students	7	8	10
Failed in 1 Course	3	3	6
Number of Students Attended	13	13	43

### 3.5 English Club Activities:

The Department of Basic Science of Annasaheb Dange College of Engineering and Technology, Ashta, formed 'English Club' exclusively for F.Y. B. Tech students in A.Y. Year 2022-23 (Sem-I) by keeping purpose in the mind to improve English Communication Skills (Speaking) of First Year Engineering students.

The objectives behind forming this English Club as mentioned below:

1. To enhance English Speaking Skills in First Year Engineering students.
2. To make them familiar with English language with suitable English-speaking environment.
3. To enable them to speak general conversational English required in engineering profession.

### Need of activity for students:

It is the fact that as 12<sup>th</sup> standard passed out students, First Year Engineering students need to cope up with engineering professional and academic environment, where emphasis is usually given on English Communication Skill. Therefore, taking the rural background of most of the students and their way to deal with others in Professional English language into consideration, we kept all First Year Engineering students Centre to the activities conducted under this English club.

### Skill Based Activities Conducted:

Sr. No	Activity Conducted	Skill Tested
1	Extempore	Presentation
2	Situational Conversation	Conversational
3	Oral Presentation	Presentation
4	Technical/Non-Technical Image Description	Illustration
5	Telephonic Conversation	Conversational



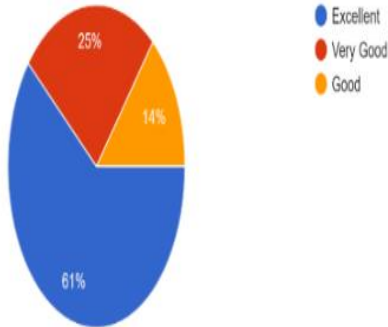
**Outcomes:**

1. Improvement of English-speaking Skill in students.
2. Improvement of Soft Skills in Students.

**Students' Feedback about English Club:**

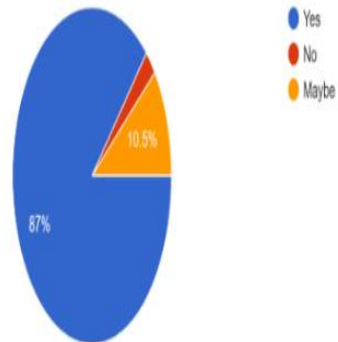
How were English Club activities conducted to improve English Speaking Skills?

200 responses



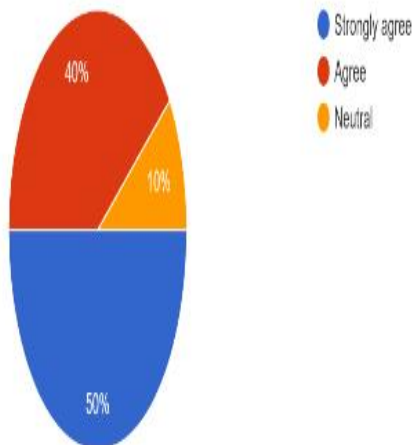
Did you find an improvement in your Soft Skills by these English Club activities?

200 responses



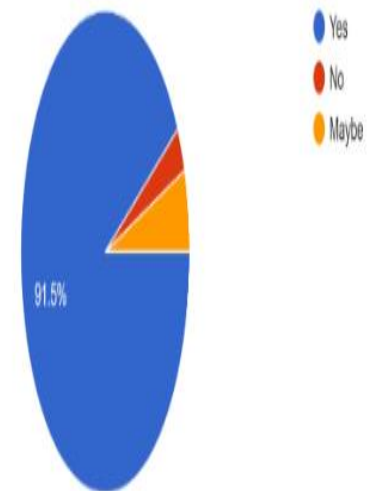
Do you believe that English Club platform at entry level of engineering seems to be very crucial ?

200 responses



Are you satisfied with the faculty efforts taken to execute all these English Club activities?

200 responses



## Glimpses of English Club :



## 4. Best Practices by Department

### 4.1 Extempore Competition:

Department of Basic Sciences always tries to enhance student's communicative performance. Soft skills are very important. It is one of the very crucial factor for which industry is looking for. Department of Basic Sciences tries to make students industrial ready. Where professionals has to communicate in English very effectively. English club organized an extempore competition on Saturday, 3rd of December 2022. Students were explained about what is extempore, its nature, rules and regulations of the competition, what could be the mode of conduct of competition well in advance. Student registered for that well in advance registration was done with the help of Google form around 120 students registered for the competition. There was enthusiasm in students and they perform well. Two rounds were conducted in the competition. From first round around 10% of the students were

shortlisted for second round, who performed brightly. Different criteria's were applied for the evaluation of the stage performances of the participants. Second round was surprise round, where topics tougher topics were assigned by judges and multiple rubrics were preferred. First round was run in parallel venues, there were four venues. From the first around 16 participants were selected for the second round. By the end of Second round one was selected as winner and six participants were shortlisted as runner up. Event was inaugurated by Professor R.T Patil sir from Mechanical Engineering Department, ADCET. Winners were felicitated by Professor R.T Patil sir. He congratulated winners and also guided the participants on the occasion. To make this events successful team of professional communication took efforts. Also student coordinator from the various first year division took the efforts. Volunteers also participated in the event and the take care of the necessary arrangements. Head of department Professor S. S. Mohite Sir congratulated winners and expected the same zeal as far as communicative events are concern in the department from team communication and first year student association.



### Clicks of the Event:

Inauguration of Extempore Competititon







Valedictory Function

### Bright Performers of the Day:

Sr. No.	Name of Students	Roll No	Branch	Remark
01	Prabhu Badkar		AI & DS	Winner
02	Shruti Narule	903	CSE	Runner up
03	Atharv Patil	910	CSE	Runner up
04	Shridhan Shinde	1046	AI & DS	Runner up
05	Sushant Patil		CSE	Motivational
06	Kartik Patil	105	Mechanical	Motivational
07	Miss. Nandini Patil	333	Electrical	Motivational

### 4.2 Soft Skill Training:

Department of Basic Sciences takes utmost care to develop students soft Skills. As a part of nurturing of student's soft skills following activity was planned and conducted for F.Y. B. Tech Students. All the students of F.Y. B. Tech were benefitted from this activity. Professional Soft Skill Trainers from Bangalore were invited for this Training. They conducted the training sessions of as per the below schedule from 30<sup>th</sup> Jan 2023 to 03<sup>rd</sup> Feb. 2023.

Batch	Division	Branch	Venue
A	A	MECHANICAL	CR-01
B	B	CSE (IOT)	CR-02
C	C	ELECTRICAL	CR-03
D	D & F	ELECTRICAL & FOOD TECH	CR-04
E	E & G	CIVIL & AERONAUTICAL	CR-05
F	H	CSE	CR-06
G	I	CSE	CR-07
H	J	AI&DS	CR-08

## Objectives:

- To improve Students Communicative performance in major communicative events.
- To provide an environment to first year engineering students, where they can understand their mistakes and will overcome it to perform better in all four bands i.e., LSRW.

## Outcomes:

- 1) To develop and integrate the use of the four language skills i.e., Reading, Listening, Speaking and Writing.
- 2) To provide necessary inputs to groom up students' communicative performance in LSRW bands
- 3) Practice the exercise based on Listening, Speaking, Reading and Writing.

## Clicks of Soft Skill Training:







### 4.3 Science Club:

#### Celebration of Science Day:

On 28th February 2023, the First Year Students Association of the Basic Science Department celebrated Science Day with great enthusiasm. The goal of National Science Day is to inspire and motivate students to pursue careers in science. Dr. C.V. Raman was a well-known scientist who was born in Tamil Nadu on November 7, 1888, and made numerous contributions to the field of science and to promote scientific awareness among the students and to celebrate the achievements and contributions of scientists and researchers worldwide. The event was initiated by the Welcome Speech given by Vice President Ms. Janhavi Patil. She provided insightful information about Science Day and the remarkable contributions of Sir C.V. Raman towards the field of Science. The event proceeded with the Felicitation of all the faculties who were present at the venue. It was a gesture of appreciation towards their dedication and contribution to the Basic Science Department. Next, a demonstration of a science model, 'Wi-Fi Operated Switch', was presented by Mr. Atharva Patil. The demo showcased how the switch can be controlled using a smartphone and the internet. It was a great example of how technology and science can be integrated to simplify our lives.

After the demo, the President's speech was delivered by Mr. A G Shinde Sir, who shared his valuable insights about Science Day and its importance in our lives. His speech encouraged the students to take an active interest in science and apply its principles in their day-to-day lives. Finally, the Head of the Department, prof. Santosh Mohite directed the students about Science Day and emphasized the importance of science in shaping the world we live in. His speech was both inspiring and informative. To conclude the event, Ms. Sanchi Lingayat delivered the Vote of Thanks. She thanked all the faculties, students, and staff members for their support in making Science Day a grand success. Overall, the Science Day celebration was a great success, and it provided a platform for students to learn about the significance of science in our lives. It also motivated them to pursue their interests in the field of science and make meaningful contributions towards the advancement of society. The efforts of the FESA students' committee members and the FESA in-charge Prof. Pradnya Phalake are commendable for planning and executing the event flawlessly.

	
Address by Prof. S.S.Mohite, HOD, Basic Sciences	A student expressing her views on the occasion of Science Day
	
Models prepared by F.Y. B. Tech Students	



## 5. Social Activities

Department always tries for betterment of society in this regard following activities were organized by the department in year 2021 -22.

### 5.1 Mock Test for 12<sup>th</sup> std. Students

Mock tests help students enhance their conceptual understanding of the topics and they ultimately score well in the final Examination. Students undergoing mock tests have higher in the NEET/JEE exam due to numerous practices and become familiar with the type of questions and pattern of question paper. Practicing mock tests provides a better perspective of what kind of questions will appear in the examination. It also helps in improving the score in exam. Department of Basic Sciences, ADCET, Ashta conducted mock tests for students those who are preparing for NEET/JEE exam. Quizzes were organised from 25<sup>th</sup> June - 30<sup>th</sup> July. Around 5779 students were benefitted of this test series. It was conducted on online mode. Link of the quiz was shared to students through what's app. To motivate students to undergo quiz, cash prizes were announced for first three toppers.

Sr. No.	Mock Test Dates	No. of Appeared for test
1	25-06-2022	388
2	02-07-2022	1585
3	16-07-2022	1882
4	30-07-2022	1924

Sr. No.	Quiz No	Name of Toppers	Marks out of 200
1	2	1. Aditya Kulkarni, Miraj	149
		2. Arish Ganibhai, Islampur	149
		3. Shraddha Mali, Ashta	149
		4. Atharv Chote, Vita	148
2	3	1. Atharv Chote, Vita	170
		2. Sana Muzawar, Kadegaon	152
		3. Sakshi Thorat, Karad	144
3	4	1. Atharv Chote, Vita	161
		2. Vishal Wankar, Sangli	135
		3. Rohan Noronha, Kolhapur.	144



**ADCET**  
ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA  
Approved by AICTE, Ministry of Education, Government of Maharashtra  
**An Autonomous Institute**  
NBA Accredited Courses ISO 9001:2015 Certified Institute NAAC 'A' Grade Institute

**ONLINE MHT-CET MOCK TEST**

25th June & 2nd, 16th, 30th July 2022

Link for Registration  
[https://adcet.ac.in/cet\\_exam/Registration](https://adcet.ac.in/cet_exam/Registration)

Link for Examination  
[https://adcet.ac.in/cet\\_exam](https://adcet.ac.in/cet_exam)

Note  
# Kindly use your registered mobile number as your User ID  
# Generated OTP will be password for Login Process

for More Info Prof. Z. D. Sande 7385607477

Online CET as per with MHT-CET  
= Designed by Highly qualified and experienced faculty from Kota & Hyderabad.  
= Result will be displayed immediately after the test

## 5.2 CET Guidance (Lecture Series)

Annasaheb Dange College of Engineering and Technology is linked with many activities for 12<sup>th</sup> Standard students. For some 7000 students are identified from science group and oriented for CET examination by giving expertise in the area of Physics, Chemistry and Mathematics. Experts from different domain interacted with students on online mode as per schedule floated. Most of students involved with passion and enthusiasm. Students asked their doubts and experts answered their questions. Experts provided tricks regarding how to solve and how to prepare for CET Examination. Following table provides the information about student's attendance.

Sr.No	Name of Expert	Domain/ Topic	Date	No. of students attended
1	Mr. Sagar Takale	Overall Preparation and tricks	9 <sup>th</sup> July 2022	112
2	Prof. Sadanandan Dumpala	Mathematics	13 <sup>th</sup> July 2022	99
3	Prof. Chandrakant Jagdale	Mathematics	20 <sup>th</sup> July 2022	89
4	Prof. Ashutosh Salunkhe	Physics	23 <sup>rd</sup> July 2022	96
5	Prof. Linga Reddy	Chemistry	27th July 2022	122

ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA  
(Approved by AICTE, New Delhi, Government of Maharashtra and Affiliated to Dnyanesh University Kolhapur)  
An Autonomous Institute  
NBA Accredited Courses ISO 9001:2015 Certified Institute NAAC 'A' Grade Institute

**PRESENTS WEBINAR SERIES For CET Students**

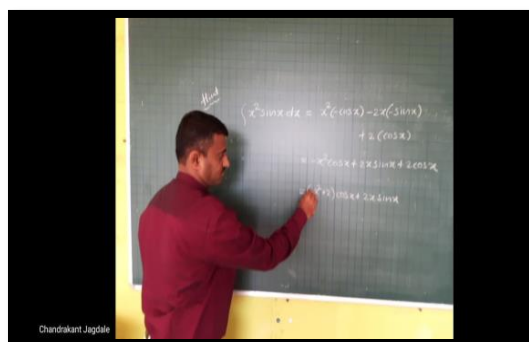
- 9TH JULY** Prof. Sagar Takale Motivational Speech
- 13TH JULY** Prof. Sadanandan Dhumpala Mathematics
- 20TH JULY** Prof. Chandrakant Jagdale Mathematics
- 23RD JULY** Prof. Ashitosh Salunkhe Physics
- 27TH JULY** Prof. Linga Reddy Chemistry

Timing for all webinars 6.00 pm onwards  
**Zoom Link will be shared soon**  
For more details Contact - Prof. S.D. Mane - 8600600738

### CET Resources for Students:



Prof. Ashitosh Salunkhe



Prof. Chandrakant Jagdale

## 6 FESA Activities:

### 6.1: Gurupournima Celebration:

On the occasion of Gurupurnima, the First Year Students Association from Annasaheb Dange College of Engineering and Technology, Ashta organized a program to honour and appreciate the contributions of the faculty members towards the betterment of the students. The event was held **on 16<sup>th</sup> Jan 2023** at the college campus and was attended by students, departmental faculty members, and staff.

The program began with a welcome address by Mr. Abhishek Bhujbal, the President of First Year Students Association, who expressed gratitude to the faculty members for their hard work and dedication towards the students.

After the welcome address, Ms. Janavi Patil, the Vice President of the association, highlighted the importance of the role played by the teachers in shaping the future of the students and society as a whole. She spoke about how teachers are not only responsible for imparting knowledge but also for guiding students in the right direction.

The program continued with the felicitation of the faculty members by the students. The students expressed their gratitude and admiration for the faculty members who have been guiding and motivating them to achieve their goals.

The FESA team members then introduced themselves and their role as FESA coordinators. They talked about their contribution to the annual gathering 'Sneha' and how they work to create a positive and supportive environment for the students.

The faculty members were invited to share their experiences and thoughts on the occasion. They appreciated the efforts of the students in organizing the event and emphasized the importance of the Guru-Shishya tradition in Indian culture. They also gave valuable advice to the students on how to excel in academics and lead a successful life.

Finally, the Head of the Department Prof. Santosh Mohite, shared his views and wisdom of thoughts. He spoke about the importance of teachers in society and how they have the power to shape the future of the country. He also talked about how teachers are not just responsible for imparting knowledge but also for teaching values and ethics to their students.

The program ended with a vote of thanks by the faculty incharge Prof. Pradnya Phalake, of the First Year Students Association. She thanked all the faculty members, staff, and students for their participation and support in making the event a success. She also reiterated the importance of the Guru-Shishya tradition and urged the students to always respect and honour their teachers.

Overall, the event was a great success and helped to strengthen the bond between the faculty members and the students. It was a great opportunity for the students to enhance their skills in organizing the event, express their gratitude towards their teachers and to learn from their experiences and wisdom.





## 6.2: Sports Activity:

An Annual sport of Annasaheb College of Engineering and Technology was organized by Department of Sports, ADCET, Ashta, held from 18/03/22 to 24/03/22 and inaugurated at sports Complex of ADCET.

The main purpose of organizing sports events was to provide a platform to students, encourage them to co-curricular and extra-curricular participation and cultivate sports skills among them. Total 10 sports games were organized there named Cricket, Football, Kho-Kho, Kabbadi, Basketball, Volleyball, Table Tennis, Badminton, Chess, Athletics (100m,400m, Long jump, shotput, disc throw). The teams of students divided and shortlisted by sports coordinator Ms.P.R. Phalake under the guidance of HOD, Basic Sciences, Mr.S.S. Mohite. Mr. Aditya Shirsat and Ms. Shreya Dalvi were the student's coordinators for sports. There was total 100 entries from Basic Science Department for different sports events. All male teams were very active and tried their best to win every match. All basic sciences faculty members were present on ground and motivating students for each & every match. The Basic sciences Basketball team won Runner up prize. The Basic Sciences Department's Basketball team was led by Gaurav Shedage. His team members were Kunal Sonwane, Omkar Malgunde, Shivam Chavan, Apurv Jadhav, Aditya Lakesar, Krantikumar Patil. The team was awarded at Sneha 2023 function. The feedback of faculties and students was very encouraging and positive.



Sr. No.	Name of Student	Class	Name of Event	Remarks
1	Shravani Sudarshan Miraje	F.Y., B. Tech.	STREET PLAY	RUNNER UP
2	Shrushti Sangram Jadhav	F.Y., B. Tech.	SNEHA-2023 ATHELETICS: 400 M WOMEN	WINNER
3	Shivani Mahadev Jadhav	F.Y., B. Tech.	SNEHA-2023 Shot Put Women	WINNER
4	Shivani Mahadev Jadhav	F.Y., B. Tech.	SNEHA-2023: Disc Throw Women	WINNER
5	Rutuja Mohite	F.Y., B. Tech.	SNEHA-2023: Long Jump Women	WINNER
6	Komal Baban Jadhav	F.Y., B. Tech.	SNEHA-2023 400 M WOMEN	RUNNER UP
7	Komal Baban Jadhav	F.Y., B. Tech.	SNEHA-2023 100 M WOMEN	RUNNER UP
8	Komal Baban Jadhav	F.Y., B. Tech.	SNEHA-2023: Long Jump Women	RUNNER UP
9	BASIC SCIENCE TEAM	F.Y., B. Tech.	SNEHA-2023: KABADDI(WOMEN)	WINNER
10	BASIC SCIENCE TEAM	F.Y., B. Tech.	SNEHA-2023: KHO- KHO (WOMEN)	RUNNER UP
11	Shrushti Sangram Jadhav	F.Y., B. Tech.	SNEHA-2023 ART EXIBITION- MEHANDI	WINNER
12	Namrata Shinde	F.Y., B. Tech.	SNEHA-2023 -MAKE UP	WINNER

13.	Tazeen Jamadar	F.Y., B. Tech	SNEHA-2023 COLLECTION	WINNER
14.	Omkar Dhananjay Malvade	F.Y., B. Tech	SNEHA-2023 -VEGETABLE ART	WINNER
15.	Kiran Prakash Tibe	F.Y., B. Tech	SNEHA-2023- MEHANDI	RUNNER UP
16.	Jyoti Madane	F.Y., B. Tech	SNEHA-2023-NAIL ART	RUNNER UP
17.	Sarvadnya Mense	F.Y., B. Tech	SNEHA-2023-HAIR STYLE{BOYS}	RUNNER UP
18.	Nishant Dhavale	F.Y., B. Tech	SNEHA-2023- SKETCHING	RUNNER UP
19.	Tanvi Waingade	F.Y., B. Tech	SNEHA-2023 -PAINTING	RUNNER UP
20.	Amruta Kaldhone	F.Y., B. Tech	SNEHA-2023 -COOKERY	RUNNER UP

## 7. Extension Activities:

### 7.1 Visit to Old Age Home:

In our Indian Culture Old people were having very respected place because of knowledge skills and experience. Now a days such peoples are living alienated life. There is no one to help them. Some NGOs are trying to provide them food and shelter. Students so Department of Basic Sciences has affinity to such people. They are always ready help and communicate with them. Students of F. Y. B. tech (Total 22 students) visited Aadhar Vrudhashram, Ashta run by Ashvamedha Magaswargiya Shikshan Sanstha Navekhed"-Trust. Dudhagaon Road, Near Kabade Hospital, Ashta. As a part of social responsibility, students donated some articles which are used in day to day life on 12th March-2022. Students of F Y B. tech went there served them some snacks, chocolates, fruits, mosquito net, had fun with them and spent some quality time with them. Students learnt from this activity that they should help the physically disabled old peoples and can sustain their life happily.



### 7.2 Wall of Humanity ( माणुसकीची भिंत ):

It's parody of Indian Society that many kids are suffering from poverty and hunger. Their basic needs are not fulfilled. And there is one class of society who are having ample of things with them that they can't consume also. To help such children who are belonging to the backward class & people whose financial status is not good, students of Basic Sciences ADCET, took the initiative and started the program called, **MANUSKICHI BHINT** i.e., wall of Humanity. FESA team members collected fund from F.Y. B. Tech students (from their pocket money) and 200 T-shirts were made and contributed to Sant Dnyaneshwar Shikshan Sanstha's Ashram Shala's students who are economically backward and underprivileged. T-shirts were distributed at the time of ADCET's Annual Social gathering 'Sneha' on 14th Jan 2023. Dr. Raja Dayanidhi, (I.A.S.) Collector and District Magistrate, Sangli was graced this function as a chief guest. Secretary of Sant Dnyaneshwar Shikshan Sanstha Adv. Rajendra Dange, Executive Director Prof R A Kanai Director of ADCET Dr Vikram Patil and other dignitaries were

present for the function. Dr. Raja Dayanidhi appreciated the efforts put in by the FESA students and encouraged them to continue their social activities. Adv. Rajendra Dange and Prof. R.A. Kanai, Director emphasized the importance of such social activities and how they could make a difference in society. Dr. Vikram Patil appreciated the efforts of the students in organizing the event. He emphasized the importance of such initiatives and encouraged the students to continue their social welfare activities. After the speech, the distribution process began. The children were given T-shirts according to their size and age. The volunteers helped in managing the crowd and ensuring that every child received a T-shirt. The children were overjoyed to receive the new T-shirts, and their smiles and gratitude were heart-warming.



## 8. Industry Institute Interaction

### 8.1 Faculty Industry Visit

In today's era teacher or Professor must know what is happening in the world. Faculty of an engineering college is considered as carver, who nurture Engineers in making for world of professionals. In this regard Faculty must know that what is demanded from Industry and what is tending in industry. He must know which additional things or inputs are to be provided to students. As a part of this there is Industry Institute Interaction Cell in ADCET. Under this faculty Members from Department of Basic Sciences visited some industries to develop the rapport between Industry and an Educational Institute. List of the industries visited by Faculty Members from Department of Basic Sciences.



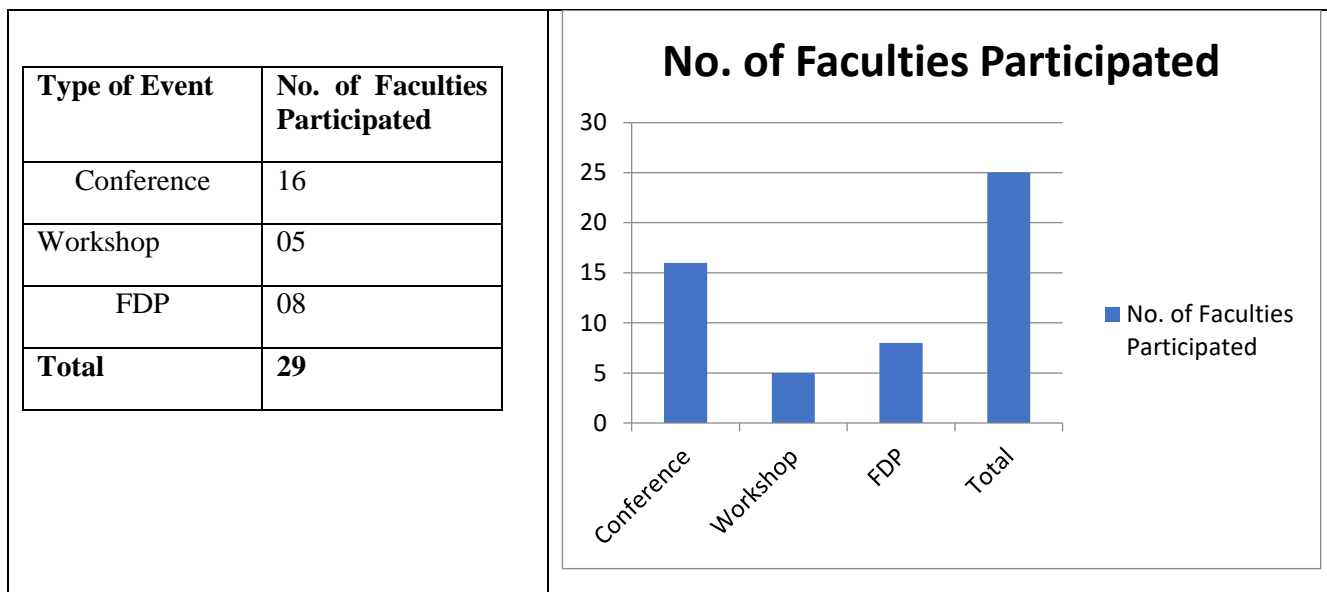
Sr. No.	Names of the Industry	Name of the Faculty	Date of Visit
1	<b>Sweet Confectionary Pvt. Ltd, MIDC, Sangli</b>	Mr. A. N. Metkari	02-09-2022
		Mr. C. V. Suryawanshi	
		Mr. Y. S. Shaikh	
		Mrs. S. S. Mohite	
		Ms. P.R. Phalake	
		Mr. C. V. Suryawanshi	
2	<b>Universal Power Control Pvt. Ltd. MIDC, Sangli</b>	Mr. A. N. Metkari	02-09-2022
		Mr. C. V. Suryawanshi	
		Mr. Y. S. Shaikh	
		Mrs. S. S. Mohite	
		Ms. P.R. Phalake	

## 9. Faculty Contribution:

### 9.1 STTP/ Workshops /FDP/Conference/Webinar/Seminar Attended:

Participatory processes have been identified as one of the most powerful engines to provoke real transformations in higher education institutions, in order to help them, and those with whom they engage, face the growing demands and challenges of an increasingly globalized and environmentally exhausted world.

In higher education institutions faculty members have to face the growing demands and challenges of an increasingly globalized and environmentally exhausted world. To fulfil this need faculty participation in different Faculty Development programs (FDP), Short term training Programs (STTP), Seminars and workshops is promoted in the institute which is most powerful tool to provoke real transformations. Faculty in the institute enthusiastically participates in such programs to enhance the latest skills and technologies and include it in the teaching learning process to address the need of students. The Basic Sciences department faculties went on for upgradation, not only for their own subject domain knowledge but also for mastering various online teaching platforms and their tools. Keeping themselves abreast with drastically challenging and changing education scenarios, faculties of Basic Sciences Department have upgraded their standards of online teaching methodologies. A total of 72 webinars/seminars/STTPs were attended by the faculties of Basic Sciences Department.



## 9.2 Faculty Development Programs (FDP) & STTP:

Sr. No.	Name of the Faculty	Type	Title	Duration	Date
1	Mrs.S.S.Mohite	FDP	National Level FDP on Latex	6 days	18 July-23 July 2022
		FDP	Matrix Analysis with Applications	8 weeks	July-Sept 2022
		FDP	Teaching And Learning in General Programs:TALG	4 weeks	July-Aug 2022
2	Mr.Kapil Lalit	FDP	Implementation of NEP-2020 for university and college teachers	10 days	21 Dec-31 Dec.2022
		FDP	Psychology of everyday	4 weeks	Aug-Sept 2022
3	Mr. Y.S.Shaikh	FDP	Ms Excel-Basic to advanced	3 days	9 Jan-11 Jan 2023
4	Ms.P.R.Phalake	FDP	Matrix Analysis with Applications	8 weeks	July-Sept 2022
		FDP	Teaching And Learning in General Programs:TALG	4 weeks	July-Aug 2022

- National / International Conferences:**

Sr. No.	Name of the Faculty	Type	Title	Duration	Date
1	Mrs.V.M.Vairat	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
2	Mrs.S.D.Mane	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23

3	Mr.Z.D.Sanade	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
4	Mr.R.B.Deshmukh	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
5	Mr.A.G.Shinde	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
6	Mr.C.V.Suryawanshi	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
7	Mrs.S.S.Mohite	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
8	Mr.Kapil Lalit	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
9	Mr.M.D.Patil	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
10	Mr.Y.S.Shaikh	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
11	Mr.Y.S.Shaikh	National Conference	Computational Mathematics	1 Day	3 Jan 2023
12	Ms.P.R.Phalake	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
13	Mr.A.A.Patil	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
14	Mr.S.B.Mali	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
15	Mr.P.S.Gore	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23
16	Ms.S.S.Jadhav	National Conference	One day National conference on English language and Literature Teaching-Learning skills	1 Day	15-04-23

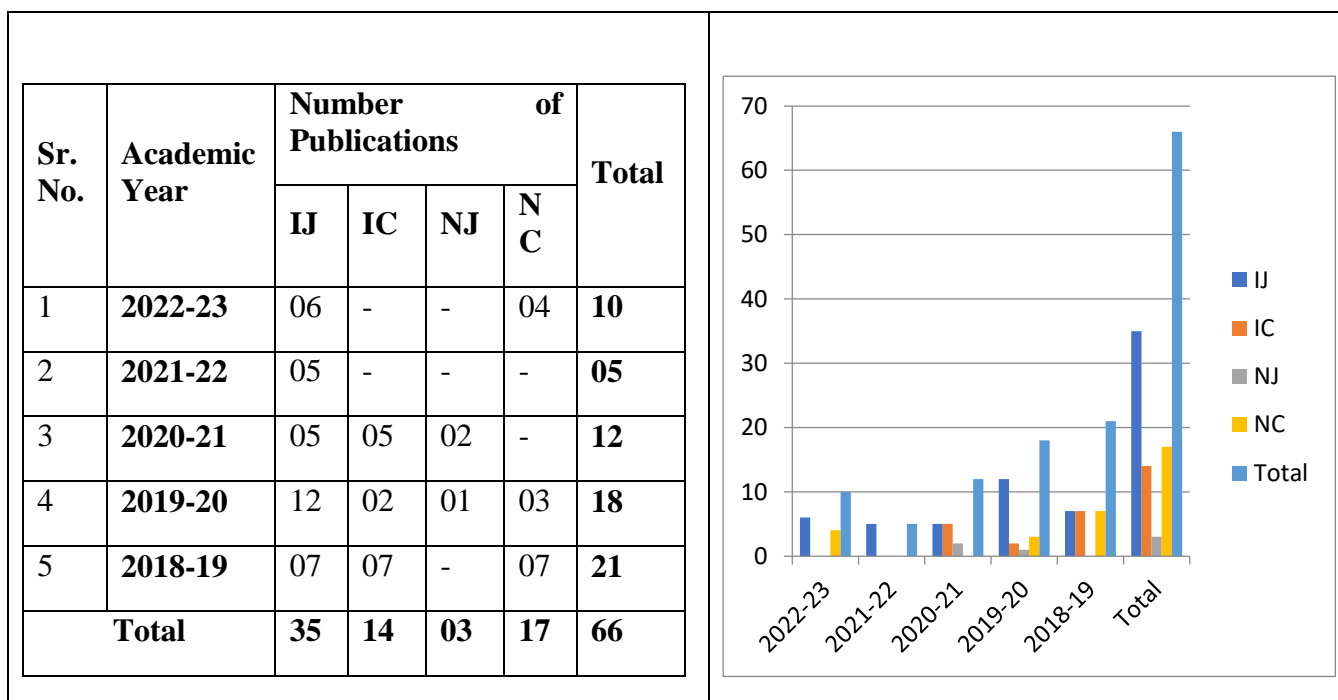


• Seminar, Webinar, Workshops:

Sr. No.	Name of the Faculty	Type	Title	Duration	Date
1	Mr.C.V.Suryawanshi	Workshop	Numerical methods using Scilab(Open-Source software)	2 Days	28/03/2023 & 29/03/2023
2	Mrs.S.S.Mohite	Workshop	Numerical methods using Scilab(Open-Source software)	3 Days	28/03/2023 & 29/03/2024
3	Mr.Y.S.Shaikh	Workshop	Numerical methods using Scilab(Open-Source software)	4 Days	28/03/2023 & 29/03/2025
4	Mr.P.S.Gore	Workshop	Numerical methods using Scilab(Open-Source software)	5 Days	28/03/2023 & 29/03/2026
5	Ms.P.R.Phalake	Workshop	Numerical methods using Scilab(Open-Source software)	6 Days	28/03/2023 & 29/03/2027

### 9.3 Research Publication Analysis

There is great relevance to research in education. Apart from ensuring an in-depth knowledge over a topic, scientific and historical research papers also contribute to the world of knowledge. These journals or papers become the helping hands for the students in future guiding and helping them in research. Teaching methodologies will certainly develop if the teachers tend to do more research and analysis over the topic. This promotes research-oriented teaching which will further benefit the academia at large.



#### 9.4 Faculty Publications:

Sr. No.	Title of Article	Author Name	Title of journal	DOI	Volume & Issue No	Month & Year
1	Importance of Making of Students' E-Portfolio to the First Year Engineering and Technology Students	Mr. M. D. Patil	IJRAR	<a href="http://ijrar.org/viewfull.php?&amp;_id=IJRAR22C1465">http://ijrar.org/viewfull.php?&amp;_id=IJRAR22C1465</a>	ISSN: 2348-1269	2022
2	Importance of Forming the English Communication Club At Entry Level of Engineering Graduation For Rural Indian Students	Mr. M. D. Patil	IJIRIT	<a href="https://ijirt.org/Article?manuscript=156259">https://ijirt.org/Article?manuscript=156259</a>	ISSN 2349-6002 Volume-9 Issue-3	2022
3	Barriers in Teaching –Learning process	Mr. A. A. Patil	IJRTI	<a href="https://ijrti.org/viewpaperforall.php?paper=IJRTI2208062">https://ijrti.org/viewpaperforall.php?paper=IJRTI2208062</a>	ISSN2456	2022
4	Ferrites gas sensors: A Review	Mr. R. B. Deshmukh	Physics And Chemistry Of Solid State	<a href="https://journals.pnu.edu.ua/index.php/pcss/issue/view/297">https://journals.pnu.edu.ua/index.php/pcss/issue/view/297</a> DOI: 10.15330/pcss23.3.626-640	ISSN 1729-4428	2022
5	Anti Fuzzy Linear Spaces	Ms. S. B. Barge	Journal of Hyperstructures		ISSN: 2322-1666 print/2251-8436 online	2022
6	Digital Education and Role of Teacher	Dr. S.B. Mali	GIMRJ		e-ISSN No. 2394-8426 issue-IV Volume-X	2022

- **Research Publications by Faculty:**

(Research Papers **Presented** in National and International conferences)

<b>Academic Year 2022-23</b>			
<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Topic</b>	<b>Conference Details</b>
1	Mr. A. G. Shinde	Use of Digital Tools for Effective English Language Teaching	One Day National conference on “English Language and Literature Teaching Learning Skills” 15 <sup>th</sup> April 2023
2	Mr. M. D. Patil	Importance of Confidence and Attitude, Body Language, Thought Structure, Voice Modulation and Fluency in Public Speaking Effort	One Day National conference on “English Language and Literature Teaching Learning Skills” 15 <sup>th</sup> April 2023
3	Mr. A.A. Patil	Ethnic Violence in the Poems of Jean Arasanayagam	One Day National conference on “English Language and Literature Teaching Learning Skills” 15 <sup>th</sup> April 2023
4	Dr. S. B. Mali	Challenges in Teaching English Language and Literature in Classrooms	One Day National conference on “English Language and Literature Teaching Learning Skills” 15 <sup>th</sup> April 2023

## **10. Students Achievements:**

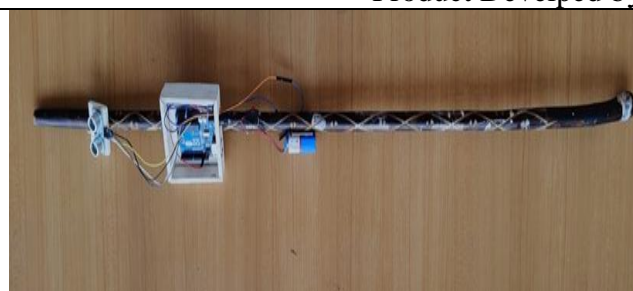
### **10.1 Product Development**

Creation of product is best form of outcome of learning. Technical institutes always nurture vibrant and innovative ideas about product development. Department of Basic Sciences always try to provide platform for such ideas of Students. Faculty Members make it sure that there will be an exposure and platform to such ideas. In an Annual Event Lakshya is organized in the Department of Basic Sciences. In it there is Model Making Event which became centre of attraction for students. Many working models are developed by students in it. In current year there was a product called Blind Stick which was Designed by Zaid Prijade, Jishan Mulla, Sharavani Ramchandre and Akanksha Shivankar. Also robot named ‘Puto’ was developed by Prajot Patil, Onkar Savratkar and Pranali Fase it was also appreciated

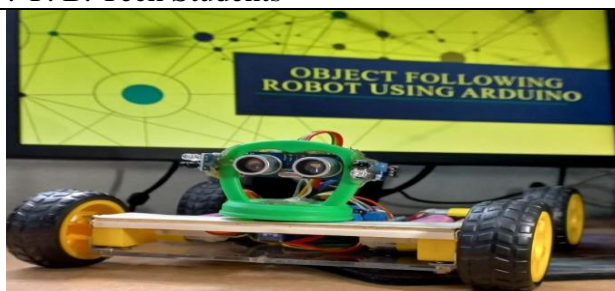


by many Experts. Students' creativity was appreciated at Institute level and out of Institute also. There was open publicity for it in daily newspapers.

Product Developed by F. Y. B. Tech Students

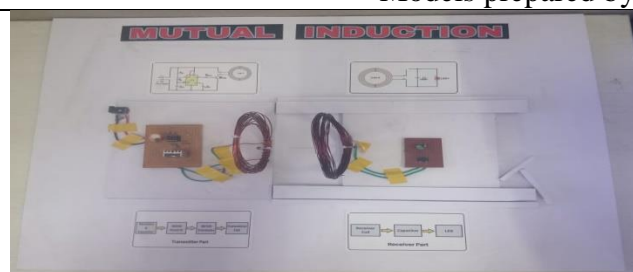


**Blind Stick**



**Robot-Puto**

Models prepared by F. Y. B. Tech Students



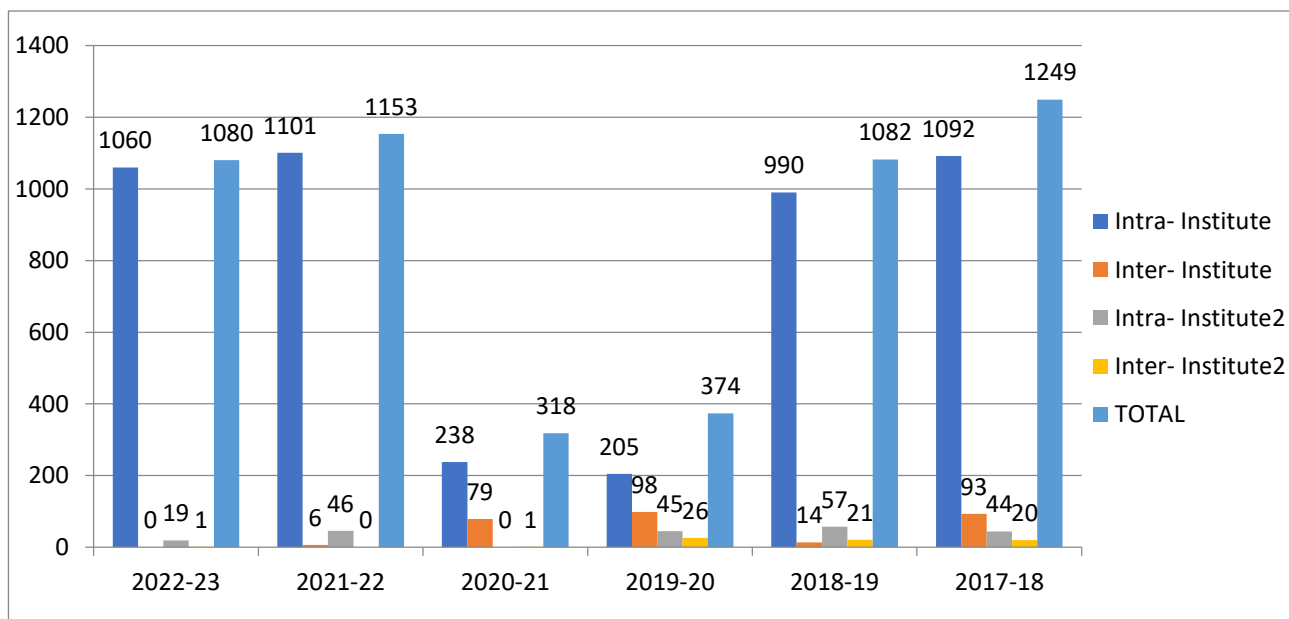
**10.2 Co-Curricular and Extra-Curricular activities :**

Our Department of Basic Sciences helps students to demonstrate who they are outside of the classroom and provide an opportunity to showcase your leadership skills and community involvement. Students learn to manage time, organizational skills and improved self-confidence. Students also learn to express themselves in a better way. Students who take part in extra curriculum activities improve their academic scores and social life

At our Department of Basic Sciences, we provide students of First year very good platforms to actively engage them in different co and extracurricular activities involving their participation in Lakshya, a mega event exclusively for first year. By this student get motivated to take part in technical, non-technical events and extracurricular activities outside the institute for their all-round development. They got ranks as winners or runner ups inside and outside the institute also.

**INTRA AND INTER- INSTITUTE PARTICIPATION**

Academic Year	Co-Curricular Activities		Extra-Curricular Activities		Total
	Intra-Institute	Inter- Institute	Intra-Institute	Inter- Institute	
2022-23	1066	01	19	01	1087
2021-22	1139	11	60	--	1210
2020-21	238	79	--	01	318
2019-20	205	98	45	26	374
2018-19	990	14	57	21	1082
2017-18	1092	93	44	20	1249



### 10.3 STUDENTS' ACHIEVEMENT SUMMARY:

NUMBER OF PRIZE WINNERS			
Academic Year	Number of Prize Winners in		
	Co-Curricular Activities	Extra-Curricular Activities	Total
2022-23	19	20	39
2021-22	16	--	16
2020-21	06	01	07
2019-20	23	36	59
2018-19	28	31	59
2017-18	34	30	64

## 11. Add-on Activities:

### 11.1. Guest Lecture on Physical Health and It's Care:

Department of Basic Science has organized a guest lecture for all the girl students of F.Y.B.Tech on 23/11/2022 from 2.15 pm to 4.15 pm at Civil Seminar hall, ADCET, Ashta. Guest speaker was Vda. Varsha S. Khot, Hon. Shri. Annasaheb Dange Ayurved Medical College, Ashta. All the ladies faculties of Basic Science Department and all the girl students of F.Y.B.Tech were present for this guest lecture.

Prof. S.D. Mane- Jadhav welcomed the audience and expressed her views on Physical Health and It's Care and requested the girl students to adopt the suggestions which will be given by the guest speaker for their betterment in future career. Guest Speaker- Vda. Varsha S. Khot has explained the meaning of physical health and advised the audience to eat a healthy, balanced diet with lots of vegetables and fruit. Keep your immunizations up-to-date. Prof. S. V. Suryawanshi has performed vote of thanks.



## 11.2 Student Mentoring System:

- **Purpose of Mentoring:**

1. To provide a reliable, comprehensive support system to encourage and motivate mentees to achieve academic and personal goals.
2. To provide guidance, effective learning, and skilful development of our students and to find out Slow Learners (SL), Good Learners (GL), and Advanced Learners (AL)
3. To help them to understand the challenges and to grab the opportunities through guidance and support.
4. Smooth transition to campus life and professional academic life.

The Basic Science Department felt the importance of integrating such a system into the Department system. It had promptly and effectively put it into practice in the past seven years. With a wide variation in the student population with regard to educational and economic background, the system promises to provide a better understanding of individual students and bring out their highest potential. It also appears to be the most effective method for student's emotional and social health.

Every year students are divided into groups of 15-20 students depending on the number of students in the class. Each group is assigned a teacher/mentor who is responsible for collecting academic performance and class attendance of individual students and maintains their social-emotional health.

To practice mentoring sessions, separate slots has been given in the time-table itself. Minimum two sessions in month are expected.

The teacher/mentor collects the information regarding his/her mentees in the very first session and is expected to offer individual guidance and counselling as and when required. In isolated cases, parents are called for special meetings with the HOD at the suggestion of the mentor. Information of Mentee is collected in following manner.



• **Sample Mentoring Report:**

Meeting No	Date of Meeting	Mode of Conduct	Agenda of Meeting	Points discussed in Meeting	No. of student Present	No. of student Absent	Key Findings of the meeting	Assignment / Activity Undertaken
1	15-01-2022	offline	1. Personal interaction 2. Updating History cards 3. Review of Induction program 4. Opportunities available in their profession.	1. Individual information and individual strength. 2. Family background and economical status of individuals. 3. Views on induction program 4. Carrier awareness 3. Proficiency test for mathematics	15	Nil	1.10 students are smart and ready to work hard in this profession. 2. Most of students are bright through proficiency test. 3. Students were delighted on induction program.	1. Given task to identify own strength and weaknesses. 2. Read more books and newspapers to improve communication. 3. Communication through English only with friends. 4. To overcome fear of mathematics asked to recall formulae's and make a list of it.

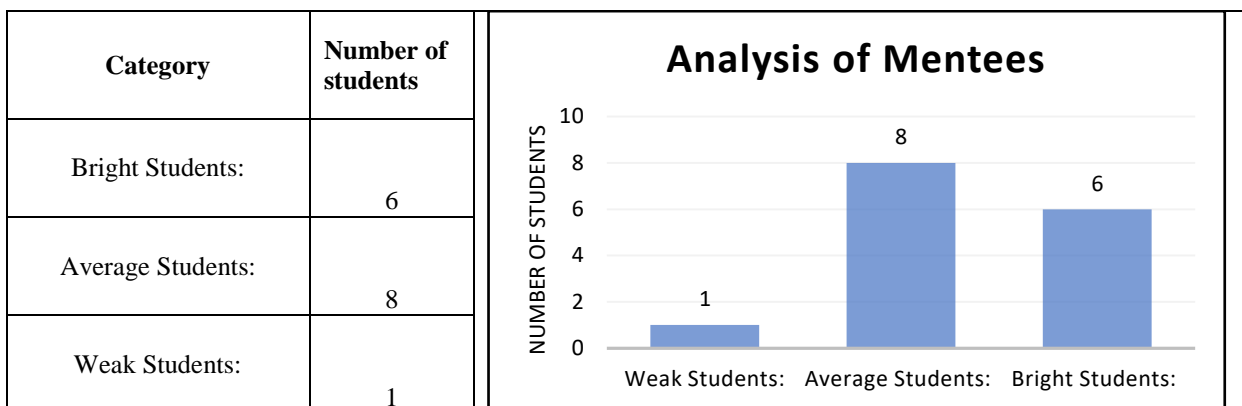
• **Sample Academic Progress in Semester:**

Roll No.	Attendance in % Month wise			Average Attendance of Sem.	Observations/ Advice / Motivation Given	Performance in Exams				Observations/ Advice / Motivation Given	Your Opinion Regarding Academic Progress	Progress Noted
	Dec Jan	Feb	Mar			Sub.	ISE I	MSE	ISE II			
716	92	87	93	91	Attendance is up to the mark Motivated every month to maintain it.	AMI	10	20	9	Result is ok. Need to improve the paper writing skills for theoretical subjects and advised accordingly.	Strong numerical courses, slight improvement is needed in theoretical writing	Academic performance is up to the mark.
					PHY	8	13	8				
					EM	5	17	8				
					BEEC	7	12	7				
					CP	9	16	8				

• **Extra-Curricular Performance:**

Roll no.	Participation in house events	Participation in outside events	NPTCL course	Various trainings	Software	Workshop/seminar	Sports	NSS and other cultural
716	1. Debate 2. Model making 3. Treasure hunt (ELE Dept.)	Nil	No	No	SCILAB (in progress)	Workshop	Football	Blood donation, dance

- **Analysis of Mentees**



Mentoring meetings are conducted on below mentioned topics: Personal interaction, Performance in ISE, Experience about activity-based assessment, Participation in Sports or Cultural events, SNEHA, Attendance status and Study Planning etc.

### 11.3 Parent Interaction (Parent Meet):

Parents Meet is organized in Department of Basic Sciences to establish rapport between Parents and Teachers in every academic year. It provides great opportunities for parent and teacher to develop a healthy and strong relationship for the holistic development of a student. It opens two-way communication for the welfare of student. It provides a platform for parent and teacher to share insights and information for the holistic development of a students. Also, this helps an educator to know a student's weakest and strongest areas from parent's observation. Interaction in such events helps to know and to work for purification and modification of student performance and to ensure best academic and non-academic performance of students. In the department of Basic Sciences Parents Meet was organized on 21-01-2023 (for Mechanical, Electrical, Civil, Food Technology & Aeronautical Engg, Computer Science, AIDS & IOT Program), At 10.00 am in Ashram School Hall, ADCET campus, Ashta . For the Central Parent Teacher meeting total 823 Parents reported for the meet and on the same day and the count of parents reported from First Year was 250.

- **Schedule of Parents Meet was as follows:**

1. Date: 21-01-2023 (for Mechanical, Electrical, Civil, Food Technology & Aeronautical Engg, Computer Science, AIDS & IOT Program),
2. Time: 10:00 AM onwards,
3. Platform: Offline, Venue : Ashram School Hall, Ashta
4. Total number of parents who attended meeting: 250

- **Agenda of the meeting for both days was as follows:**

- Parent Teacher registration and gathering
- Parent teacher meeting started with a Welcome speech of Mr. S. S. Mohite H.O.D. (Basic Science & Civil Department),
- Followed by motivational speech and discussion by Mr. Ganesh Shinde (Motivational Speaker)
- Also, Parents were invited to express their views about the college, their views regarding the development of their wards and to come up with suggestions. After this parents to talk with class-teachers and mentors, discussed about the academic performance of the students like class attendance, marks in class tests, internal marks and overall discipline in the campus.
- Prof. Ms. Vidya Patil presented Vote of thanks.

- **The Purpose/Objective of Parent Meeting was aimed as:**

1. Building a Partnership where a Teacher often introduces parents to their teaching style, discipline methods and class-room policies.
2. Expressing their commitment to your child's education, such as their organizational skills & positive attitude.
3. Gathering Information where teachers & parents can exchange information about child's academic progress like his/her attendance marks in Theory Examinations and internal examinations and also about the child's social development like his/her behaviour and discipline, punctuality etc.
4. Developing a Plan where the Teacher –Parent together can address a plan to help the student to work through his difficulties or find ways to ensure his continued success.

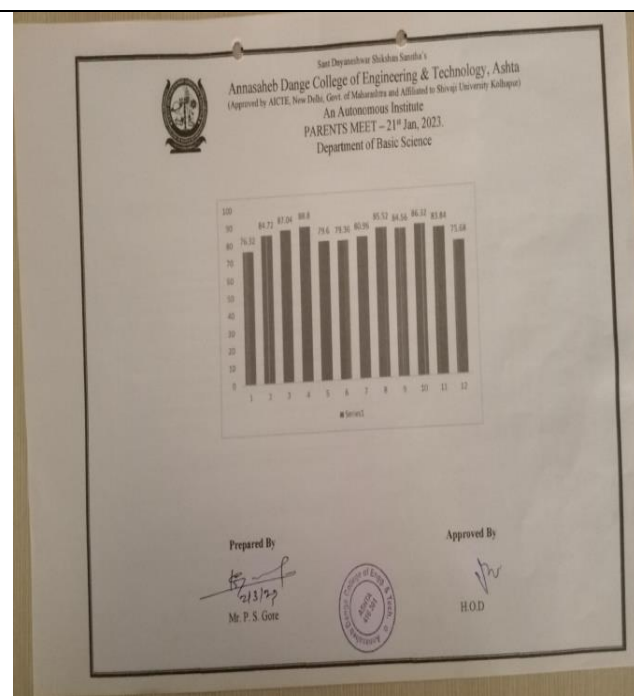
Sant Dnyaneshwar Shikshan Sanstha's  
Annasaheb Dange College of Engineering & Technology, Ashta  
(Approved by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to Shivaji University Kolhapur)  
An Autonomous Institute  
PARENTS MEET – 21<sup>st</sup> Jan, 2023.  
Department of Basic Science  
FEEDBACK ANALYSIS

No of feedback forms: 250

Sr. No.	Item	Excellent	Very Good	Good	Average	Poor	Percentage	Attainment level
1	Improvement in ward's educational performance(PO-1)	64	108	48	28	2	76.32	1
2	College development	102	106	41	1	0	84.72	2
3	Quality of academic resources - Faculty, Course Material etc.	124	95	26	1	2	87.04	3
4	Infrastructure facilities- Library, Laboratory, Canteen and other campus facilities	144	75	29	1	1	88.8	3
5	Participation of your ward in programs arranged by department for getting industrial exposure (PO-6,7)	74	112	51	8	4	79.6	1
6	Participation of your ward in co-curricular activities (Conferences, seminars, workshops, training programs, etc.) (PO-5,12)	74	105	62	7	2	79.36	1
7	Participation of your ward in extra-curricular activities & volunteering in social & community services (PO-8)	80	114	46	8	2	80.96	2
8	Response from office staff	108	107	32	2	1	85.52	3
9	Student Mentoring	106	99	42	2	1	84.56	2
10	Efforts taken by department for overall grooming and personality development	124	85	38	2	1	86.32	3
11	Placement activities	99	107	39	3	2	83.84	2
12	Have you seen your ward comfortably communicating in English with a person or group of people (PO-10)	76	81	58	27	6	75.68	1
13	Are you aware of academic prizes of Rs. 2.75 Lacs. (Approx.) these are given for university rankers by the institute?	Yes: 235	No: 15					

Prepared By: *[Signature]*  
Mr. P. S. Gore

Approved By: *[Signature]*  
H.O.D.



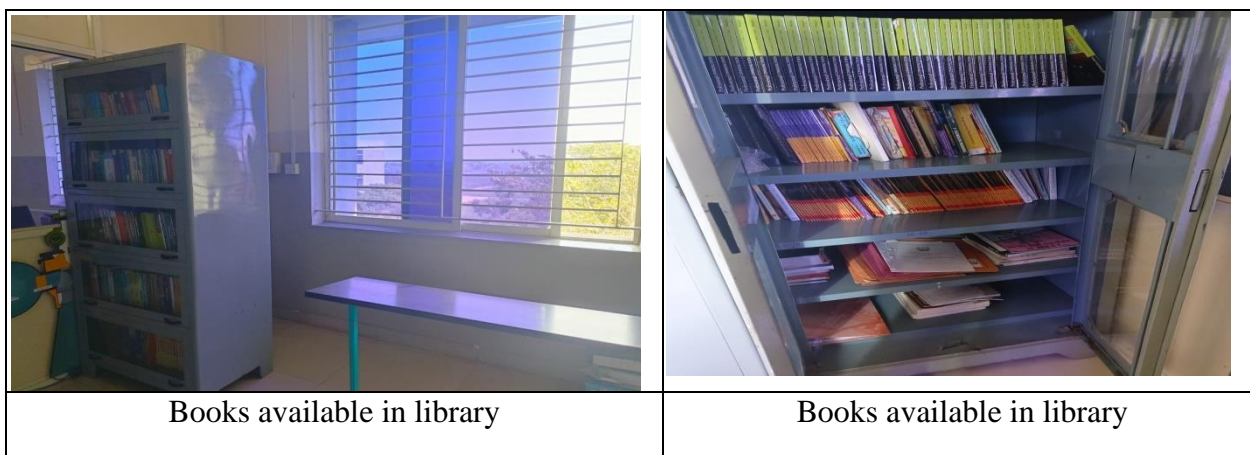


## Glimpses of parent Teacher Meeting



## 12. Departmental Library:

The Basic Sciences Departmental Library has different resources it includes books on an impressive array of subjects, course-specific reading material, academic journals and various digital resources. It houses sufficient reference and reading material for students and faculty from multiple disciplines. The library has different books on different subjects like, Engineering Electrical, Electronics, Mechanical, Physics, Chemistry, Engineering Graphics, Aeronautical Engineering, Computer programming, Basic Electrical and Electronics Engineering, Professional Communication etc. It has a good collection of 991 volumes, 63 titles of all engineering discipline. It includes more than 154 reference books. It includes extracurricular and competitive examination books such as GATE, TOFEL, and MPSC, Novels, Motivational books etc.



Books available in library

Books available in library

Sr. No.	Title of Books	Quantity
1	Engineering Physics	392
2	Engineering Chemistry	60
3	Engineering Mathematics	63
4	Professional Communication	156
5	Applied Mechanics	25
6	Engineering Graphics	19
7	Basic Mechanical Engineering	22
8	Basic Civil Engineering	81
9	Basic Electrical Engineering	15
10	Fundamentals of Computers and Electronics	21
11	Workshop Practice	4
12	Fiction	03
13	Non-Fiction	13
14	Environmental Studies	01
15	Other Books	116
<b>Total no. of Books</b>		<b>991</b>
<b>Total no. of Titles</b>		<b>63</b>

### 13. Department at a glance:

The department plays a major role for creating students, an appreciation for the fundamentals in Basic Sciences from all branches of Engineering which can perform better in their chosen areas of study. In order to have a close look at all matters relating to the performance and discipline of the students, a Students Counselling Cell is constituted at department, which is strength of Department. One to one interaction and need based inputs are features of the departments. Currently there are 19 qualified members guiding to first year students. There are four well equipped laboratories to nurture the First Year Engineering Students. Project Lab is an attraction of the department. There is Mathematics Lab which helps students to clear their mathematical concepts with the help of simulation using Mathematical Software Such SCILAB and GEOGEBRA. Many Faculty Members are pursuing their research in their domain at university.





# ANNA SAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA - 416301

An autonomous institute ■ NBA Accredited ■ NAAC Accredited ■ ISO 9001:2015

## DEPARTMENT CORNER

Blind Stick



Robot- Puro



Parents Meet



Portfolio Competition



Value Added Courses



Teacher Day Celebration



One Day National Conference on English Language and Literature Teaching Learning Skills



Social Activities



Outreach activity



Industry Institute Interaction



Celebration of International Mother Language Day -21st Feb.2023



Celebration of World Thinking Day-21st Feb.2023



Study Planning and Exam Preparation



Science Club



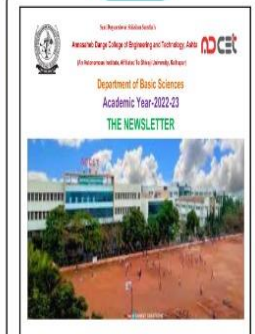
English Club



Magazine



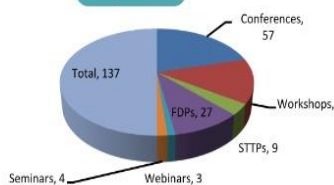
Newsletter



Self-Study Club Sessions-Academic Year 2022-23



Faculty Contribution





# 14. Department News Corner:

## पुण्य नगरी

### उद्योगधंद्यातील तंत्रामध्ये कौशल्य आत्मसात करा

आद्या / प्रतिनिधी

अशिवन गाडगीळ : डांगे अभियांत्रिकीमध्ये 'लक्ष्य २०२३' इव्हेंट



आद्या : डांगे अभियांत्रिकी महाविद्यालयाच्या प्रथम वर्षे अभियांत्रिकी विभागातर्फे आयोजित लक्ष्य २०२३ या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

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## पुण्य नगरी

### तंत्रज्ञान आणि इंग्रजी भाषेचा जवळचा संबंध

आद्या / प्रतिनिधी

विक्रम पाटील : इंग्रजी विषयाच्या परिषदेस प्रतिसाद



आद्या : डांगे अभियांत्रिकी महाविद्यालयाच्या आवोनिंत लक्ष्य पत्रिकेच्या उद्घाटनसभेत डॉ. विक्रम पाटील यांनी संबोधित केले. यावेळी डॉ. विक्रम पाटील यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

आद्या : डांगे अभियांत्रिकी महाविद्यालयाच्या आवोनिंत लक्ष्य पत्रिकेच्या उद्घाटनसभेत डॉ. विक्रम पाटील यांनी संबोधित केले. यावेळी डॉ. विक्रम पाटील यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

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## पुण्य नगरी

### डांगे अभियांत्रिकीच्या विद्यार्थ्यांकडून स्मार्ट स्टिकची निर्मिती

आद्या / प्रतिनिधी

अंधांसाठी उपयुक्त; इलेक्ट्रॉनिक सर्किटचा वापर

आद्या : अंधांसाठी उपयुक्त; इलेक्ट्रॉनिक सर्किटचा वापर. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

आद्या : अंधांसाठी उपयुक्त; इलेक्ट्रॉनिक सर्किटचा वापर. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

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## पुण्य नगरी

### डांगे अभियांत्रिकीत जीवनावश्यक वस्तूचे वाटप

आद्या / प्रतिनिधी

वेथील अण्णासाहेब डांगे अभियांत्रिकी

आद्या : वेथील अण्णासाहेब डांगे अभियांत्रिकी महाविद्यालयातील प्रथम वर्षाच्या विद्यार्थ्यांनी गरजू महिला व पुरुष, मुले-मुली यांना कपडे, जीवनावश्यक वस्तूंचे वाटप करून रक्षाबंधन वेगळ्या पद्धतीने साजरे केले. प्रथम वर्षाच्या विद्यार्थ्यांची आणि याच भवनेतून एकत्र वेत सर्व महाविद्यालयातील विद्यार्थी, शिक्षक आणि शिक्षकेतर कर्मचारी यांना माणुसकीचे भित्ता वापर करून मदतीची साद घातली. सर्व कर्मचाऱ्यांनी याला प्रतिसाद दिला.



आद्या : वेथील अण्णासाहेब डांगे अभियांत्रिकी महाविद्यालयात स्वागत, मार्गदर्शन मेळावा

### डांगे अभियांत्रिकीमध्ये राष्ट्रीय परिषद उत्साहात

#### इंग्लिश लॅंग्वेज अँड लिटरेचर टिचिंग अँड लार्निंग स्किल्स विषयावर व्याख्याने

जनप्रवास / प्रतिनिधी

आद्या : अण्णासाहेब डांगे



आद्या : अण्णासाहेब डांगे अभियांत्रिकी महाविद्यालयात स्वागत, मार्गदर्शन मेळावा. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

आद्या : अण्णासाहेब डांगे अभियांत्रिकी महाविद्यालयात स्वागत, मार्गदर्शन मेळावा. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

### अण्णासाहेब डांगे अभियांत्रिकी महाविद्यालयात स्वागत, मार्गदर्शन मेळावा

#### महाविद्यालयात प्रथमवर्षे अभियांत्रिकीच्या विद्यार्थ्यांचे मोठ्या उत्साहात स्वागत : मान्यवरांनी केले मार्गदर्शन

आद्या / प्रतिनिधी

आद्या : अण्णासाहेब डांगे



आद्या : अण्णासाहेब डांगे अभियांत्रिकी महाविद्यालयात स्वागत, मार्गदर्शन मेळावा. यावेळी अशिवन गाडगीळ यांनी 'लक्ष्य २०२३' या इव्हेंटच्या उद्घाटनसभेत कोसलास प्रिंसिपल अशिवन गाडगीळ यांनी संबोधित केले.

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## Department of Basic Sciences

