

People's Education Society's (Mumbai)

P. E. S. COLLEGE OF ENGINEERING

Nagsenvana, Aurangabad.

PRINCIPAL's REPORT

Submitted to the

GOVERNING BODY

**At it's meeting held on 21/04/2024, at the 'Chairman's
Conference Hall, Milind Mahavidyalaya,**

Nagsenvana, Aurangabad on 21st April 2024.

P.E.S. COLLEGE OF ENGINEERING, NAGSENVANA, AURANGABAD.

I N D E X

Sr. No.	Contents / Subject	Page Number
1	Commencement of the Academic Year & Students Strength 2023-24	01
3	Strength of Students.	01
4	Results 2022-23	07
5	Departmental Activities 2023-24	08
6	Special Activities	16
7	Construction Activities 2024-25	17
8	Future Plans	17
9	Budget for the year 2024-25	A - 01
10	Budget of Hostels for the year 2024-25	A - 16
11	Vote of Thanks	A - 19

INTRODUCTION

Hon'ble Chairman & Trustee and the esteemed Members of the Governing Body of the People's Education Society, Mumbai.

At the outset, I take this opportunity to extend a warm welcome to the Hon'ble Chairman, and Hon'ble Members of this august Body of the Peoples Education Society, Mumbai for having given me an opportunity to present the Budget Estimates and Establishment Schedule of the P. E. S. College of Engineering, Nagsenvana, Aurangabad, for the financial year 2024-25.

Before I place the Budget Estimates, I am submitting herewith a brief report of the activities conducted during the academic year 2023-24.

1. COMMENCEMENT OF THE ACADEMIC YEAR & STUDENTS STRENGTH:

(A) The Academic year 2023-24: First Semester (First Year) commenced from 07-08-2023 and ended on 22.11.2023. Similarly, Second year, Third and Final year started from 01st August 2023 & ended on 22nd NOV 2023.

Subsequently, second semester started from 01-02-2023 to 25-05-2024, as per Academic Calendar of Dr. Babasaheb Ambedkar Technical University, Lonere, Dist. Raigad.

Branch-wise strength of Students:

U.G. COURSES

Sr. No.	Year of Degree	Branch	Girls	Boys	Total
1	First Year	Mechanical & Automation Engg.	01	16	17
		Electrical Engineering	15	37	52
		Electronics & Computer Engineering	09	21	30
		Computer Sci. & Engg	20	45	65
		Computer Science & Engg. (Data Science)	19	48	67
		Electronics Engg. (VLSI Design & Technology)	05	19	24
		Civil Engg.	01	20	21
		Total >>>	070	206	276
2	Second Year	Mechanical & Automation Engg.	05	35	40
		Electrical Engg	17	50	67
		Electronics & Computer Science	11	21	32
		Computer Sci. & Engg	30	43	73
		Computer Sc. & Engg.(Data Science)	19	51	70
		Civil Engg.	03	23	26
		Total >>>	85	223	308
3	Third Year	Mechanical Engg	04	29	33
		Electrical Engg	29	68	97
		Electronics & Computer Science	12	18	30
		Computer Sci. & Engg	32	65	97
		Civil Engg.	03	21	24
		Total >>>	80	201	281
4	Final Year	Mechanical Engg	08	30	38
		Electrical Engg	21	64	85
		Electronics Telecommunication Engg	04	02	06
		Computer Sci. & Engg	32	70	102
		Civil Engg	13	48	61
		Total >>>	78	214	292
		Grand Total >>>	313	844	1157

POST GRADUATE COURSES (BRANCH- WISE)

Sr. No.	Years	Branch	Girls	Boys	Total
1	First Year	Civil Structural Engg	05	11	16
2	Second Year	Civil Engineering	06	06	12
3	First Year	Elect. Power System	07	02	09
4	Second Year	Elect. Power System	01	03	04
5	First Year	Comp.Sci.Engineering	02	04	06
6	Second Year	Comp.Sci.Engineering	02	01	03
7	First Year	Electronics & Comm.(VLSI Design)	02	03	05
		GRAND TOTAL	25	30	55

Proposed Courses applied to AICTE in the approval process 2024-25:

Sr.No.	Name of Courses (UG/PG)	Applied for	Remarks, if any
1.	P.G. – M.Tech Advance Manufacturing & Mechanical System Design	New/Additional P.G. Course	For intake 18
2	P.G. – M.Tech Computer Science & Engineering	Change of name of course: M. Tech. Computer Science & Engineering (Cyber Security)	For intake 18
3	U.G: Electronics & Computer Engineering	Increase in intake	From 30 to 60

Note: The AICTE Scrutiny Committee has recommended the above three proposed courses.

The faculty wise strength of regular and ad hoc basis is given below :-

Sr. No.	Department	Regular	Ad hoc Basis	Total
1	Mechanical Engg	06	06	12
2	Electrical Engg	09	05	14
3	Electronics & Comp.Sci. Engg	05	03	08
4	Computer Sci. & Engg (Data Sci)	06	06	12
5	Civil Engg.	07	03	10
7	Applied Sci (Math, Chem, Phy)	03	01	04
8	TPO	-	01	01
	Total >>>	36	25	61

SELECTION OF REGULAR (PERMANENT) FACULTY IN THE INSTITUTE:

The Selection process of regular faculty in the institute is carried out in the academic year 2023-24, the details of which are given below. With reference to the **letter of Affiliation Section, Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad, No.DBATU/Regular Faculty/2023/121, dated 02/12/2023**, the following 16 Teaching faculties were selected in this process.

Sr.No.	Name of Faculty	Designation	Subject/Department	Category
1	Dr. Siddharth Kawduji Undirwade	Professor	Mechanical & Automation Engg.	Open
2	Narendra D Dudhmal	Asstt. Professor	Mechanical & Automation Engg.	Open
3	Prashant Laxman Pandit	Asstt. Professor	Mechanical & Automation Engg.	S.C.
4	Abhijit Sanjay Pande	Asstt. Professor	Electrical Engg.	Open
5	Pravin Pandhariji Fulzele	Asstt. Professor	Electrical Engg.	S.C.
6	Dr. Deepk Nathuji Kakade	Associate Professor	Civil Engineering	S.C.
7	Jayakumar R Gaikwad	Asstt. Professor	Civil Engineering	S.C.
8	Sanju Ramesh Phulpagar	Asstt. Professor	Civil Engineering	Open
9	Sarika B. Dhule	Asstt. Professor	Civil Engineering	S.C.
10	Nandini Khanderao Kad	Asstt. Professor	Civil Engineering	NT-C
11	Kishori Rajendra Ghule	Asstt. Professor	Computer Sc. & Engg.	OBC
12	Amrapali K Salve	Asstt. Professor	Computer Sc. & Engg.	S.C.
13	Shweta Vilas Ghorapde	Asstt. Professor	Computer Sc. & Engg. (Data Science)	S.C.
14	Bharati Sharad Pawar	Asstt. Professor	Computer Sc. & Engg. (Data Science)	OBC
15	Nitin Tulshiram Kolambikar	Asstt. Professor	Computer Sc. & Engg. (Data Science)	Open
16	Dr. Surekha Vishnupant Munde	Associate Professor	Physics	NT-D

CAREER ADVANCEMENT SCHEME FOR THE FACULTIES:

- (1) As per the letter of Affiliation Section of Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad, letter No.DBATU/CAS/2021/968(i), dated 01/01/2022, approval of following faculties is carried out through CAS.

Sr.No.	Name	Grade	Pay scale Rs.	AGP	With effect from
1	Dr. S.N. Kakarwal	Professor	37400-67000	10,000/-	27/11/2020
2	Dr. G.P. Kamble	Professor	37400-67000	10,000/-	27/11/2020
3	Dr. M.M. Dhobe	Professor	37400-67000	10,000/-	27/11/2020
4	Dr. B.N. Choudhary	Professor	37400-67000	10,000/-	27/11/2020
5	Dr. V.K. Kadam	Professor	37400-67000	10,000/-	27/11/2020

- (2) As per the letter of Affiliation Section of Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad, letter No.DBATU/CAS/2021/968(ii), dated 01/01/2022, approval of following faculties is carried out through CAS.

Sr. No.	Name	Grade	Pay scale Rs.	AGP	With effect from
1	Dr. R. M. Sawant (Civil)	Associate Professor	37400-67000	9000/-	27/11/2020
2	Dr. R.G. Pungle (Mech)	Associate Professor	37400-67000	9000/-	27/11/2020
3	Dr. V.B. Kamble (CSE)	Associate Professor	37400-67000	9000/-	27/11/2020

- (3) As per the letter of Affiliation Section of Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad, letter No.DBATU/CAS/2021/968(iii), dated 01/01/2022, approval of following faculties is carried out through CAS.

Sr. No.	Name	Grade	Pay scale Rs.	AGP	With effect from
1	Ms. P.D. Mohite (EEP)	Selection Grade	15600-39100	8000/-	06/06/2019
2	Ms. Y. S. Pagar (CSE)	Selection Grade	15600-39100	8000/-	05/12/2020
3	Dr. S.V. Munde (A.S) Physics	Selection Grade	15600-39100	8000/-	13/06/2019
4	Dr. V.D. Jadhav (CSE)	Selection Grade	15600-39100	8000/-	11/03/2020
5	Mr. D.T. Rathod (CSE)	Selection Grade	15600-39100	8000/-	06/06/2019
6	Ms. A.A. Tupe (EEP)	Selection Grade	15600-39100	8000/-	17/06/2020
7	S.S. Khedgikar (EC)	Selection Grade	15600-39100	8000/-	22/08/2020
8	D.A. Wadatkar(A.S) Chem.	Selection Grade	15600-39100	8000/-	13/06/2013
9	Dr. R.M. Sawant	Selection Grade	15600-39100	8000/-	19/06/2015
10	Ms. M M Ambekar	Selection Grade	15600-39100	8000/-	09/11/2009
11	Ms. S.D. Pingle	Selection Grade	15600-39100	8000/-	22/04/2011
12	Dr. R.G. Pungle	Selection Grade	15600-39100	8000/-	24/07/2009
13	Dr. V.B. Kamble	Selection Grade	15600-39100	8000/-	22/05/2011
14	M.S. Potdar	Selection Grade	15600-39100	8000/-	25/06/2010
15	A.M. Bawiskar	Selection Grade	15600-39100	8000/-	06/06/2014
16	Ms. P.K.Ghugre	Selection Grade	15600-39100	8000/-	03/11/2020

(4) As per the letter of Affiliation Section of Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad, letter No.DBATU/CAS/2021/968(iv), dated 01/01/2022, approval of following faculties is carried out through CAS.

Sr.No.	Name	Grade	Pay scale Rs.	AGP	With effect from
1	Ms. P.D. Mohite (EEP)	Senior Scale	15600-39100	7000/-	06/06/2014
2	Ms. V. R. Mote (CSE)	Senior Scale	15600-39100	7000/-	02/07/2016
3	Ms. Y. S. Pagar (CSE)	Senior Scale	15600-39100	7000/-	05/12/2015
4	Dr. S.V. Munde (AS) Physics	Senior Scale	15600-39100	7000/-	06/06/2014
5	Dr. V. D. Jadhav (CSE)	Senior Scale	15600-39100	7000/-	11/03/2015
6	Mr. D.T. Rathod (CSE)	Senior Scale	15600-39100	7000/-	06/06/2014
7	Ms. S.R. Acharya (AS) Maths	Senior Scale	15600-39100	7000/-	10/06/2020
8	Ms. A. A. Tupe (EEP)	Senior Scale	15600-39100	7000/-	13/06/2014
9	S.S. Khedgikar (EC)	Senior Scale	15600-39100	7000/-	19/06/2015
10	Ms. P. K. Ghuge (EC)	Senior Scale	15600-39100	7000/-	16/06/2015
11	S.C. Kathar (EC)	Senior Scale	15600-39100	7000/-	03/11/2018

College Administrative, Technical and Library staff are as below :-

ADMINISTRATIVE STAFF

Sr.No.	Particulars	Posts for our requirement	Existing Staff
1	Registrar	01	01
2	Superintendent	01	01
3	Accountant	01	01
4	Sr. Clerk	02	02
5	Jr. Clerk	06	06
6	Storekeeper	01	01
7	Cashier	01	01
8	Peon/Watchman	37	37
9	Hostel Clerk	01	01
10	Sweeper	03	03
	Total >>>	54	54

TEACHING SUPPORTING STAFF

Sr. No.	Particulars	Posts for our requirement	Existing Staff
1	Computer Programmer/Analyst	01	01
2	Workshop Instructor	05	05
3	Lab. Assistant	03	03
4	Electrician	01	01
5	Wireman	01	01
6	Data Entry Operator *	01	01
	Total >>>	12	12

LIBRARY STAFF

Sr. No.	Particulars		Posts for our requirement	Existing Staff
1	Librarian		01	00
2	Asstt. Librarian		02	02
3	Lib. Asstt.		02	02
4	Lib. Attendant		02	02
	Total >>>		06	06

2. STRENGTH OF STUDENTS

Total strength of the college is 1212 for the academic year 2023-24 inclusive of Under graduate and Post-graduate courses.

Caste wise break up of Admitted students in 2023-24

Category	Class		Total	
	F.E.	S.E.		
SC	87	56	143	
ST	00	00	00	
VJ/NT	31	16	47	
OBC/SBC	33	32	65	
Grand Total>>>	151	104	255	

3. RESULTS :

The under mentioned students have stood in In order of Merit in the May/June 2023 University Examinations. The details are as follows :

Sr. No.	Name of student	Branch	University Rank
1	Gadge Priti Shahadeo	Civil Engineering	CGPA : 8.50
2	Shaikh Mohd Ilyas Shaikh Mohd Yunus	Civil Engineering	CGPA : 8.50
3	Rathod Vaishnavi Rajesh	Comp.Sci.Engg.	CGPA : 9.95
4	Kamble Apeksha Pradeep	Comp.Sci.Engg.	CGPA : 9.77
5	Padol Kaveri Vinayak	Electronics Engg	CGPA : 8.75
6	Tayade Anagha Rajesh	Electronics ngg.	CGPA : 8.64
7	Syed Amer Quadri Murtuza Quadri	Mechanical Engg	CGPA : 9.00
8	Kharat Prashant Vithalrao	Mechanical Engg.	CGPA : 8.78
9	Kokare Maya Suresh	Electrical Engg.	CGPA : 8.69
10	Jange Shyam Santosh	Eleectrical Engg.	CGPA : 8.55

FINAL YEAR RESULT OF SUMMER 2023:

A) Mechanical Department

Class	Appeared students for examination	Passed in 1 st Div. with distinction	Passed in 1 st Div.	Passed	Total Pass	Passing %
FINAL Year	091	24	01	45	70	79.55%

B) Electrical Department

Class	Appeared students for examination	Passed in 1 st Div. with distinction	Passed in 1 st Div.	Passed	Total Pass	Passing %
Final Year	110	52	03	40	95	93.14%

C) Electronics & Telecommunication Department

Class	Appeared students for examination	Passed in 1 st Div. with distinction	Passed in 1 st Div.	Passed	Total Pass	Passing %
FINAL Year	17	07	00	07	14	82.35%

D) Computer Science Engg. Department

Class	Appeared students for examination	Passed in 1 st Div. with distinction	Passed in 1 st Div.	Passed	Total Pass	Passing %
FINAL Year	113	74	04	28	106	95.50%

E) Civil Engineering Department

Class	Appeared students for examination	Passed in 1 st Div. with distinction	Passed in 1 st Div.	Passed	Total Pass	Passing %
FINAL Year	76	42	01	19	62	87.32%

UNIVERSITY AFFILIATION:

The institute is permanently affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad, vide letter Ref.No. DBATU/AFFIL/3036/2023/367, DATED 12/07/2023, for 3 years i.e. 2022-23, 2023-24 & 2024-25.

NAAC ACCREDITATION:

Our Institute was previously accredited by NAAC for five years (from 2017-18 to 2021-22) with CGPA 2.54 and Grade B+ in cycle-1.

Currently, the Institute is accredited by NAAC in Cycle-2 for next five years with CGPA 2.81 and Grade B++. This accreditation in Cycle-2, is valid up to 14th December 2028.

Hence, in Cycle-2, the institute has made consistent growth and progress in the area of curricular aspect, teaching learning and evaluation, research innovation and extension, infrastructure and learning resources, student support and progression, governor leadership and Management and institutional values and its practices.

DEPARTMENTAL ACTIVITIES:

DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE ENGINEERING:

The following programs were conducted in the Department. The details are as under:

- 1) Online FDP on Xilinx VIVADO Design Suite Software was organized on 3/2/2024 in collaboration with Trident Techlabs, Pune.
- 2) First Year Induction Program from 12/08/2024 to 14/08/2023.

Includes: (i) Career guidance for Civil Service Examination.

Guest : Adv. Madhur Pophale,
Co-Founder & Trainer of Edu Nation IAS Academy.

(ii) Indoor Games:

Yoga - Guest : Dr. Vijay Kathar
Prof. Kavita Pisolkar, Department of Yoga,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad.

(iii) Fundamental Mathematics by Prof. S.C. Kathar

(iv) Tree Plantation

3. Farewell program for final year students of 2022-23 on 17/06/2023 was organized by SY & TY students. It includes Cultural activities such as dance, songs Speeches etc.
4. Shantiniketan Handloom Presentation was organized on 30/05/2023 by Dr. P.K. Dey, Professor at Vishwa Bharati University, Belapur, West Bengal, Kolkata, wherein presented world famous hand embroidered Kantha stitch sarees, Mulmul sarees and Bengal Pure Cotton sarees, originated from Shantiniketan and hand-stitched work designed by visually impaired children.
5. The department has organized ISTE sponsored one week online Short Term Training Program on "Data Science & its Applications in real Life from 4th April to 13th April 2022.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (Data Science):

The following programs were conducted in the Department. The details are as under:

1. Code Fest 2K24 – Coding Competition was conducted by CSI/FORCES Student Association on 20/03/2024.
2. I I R S – I S R O (Course No.134) Out reach Program on Advances in Remote Sensing Techniques for Geological Applications was organized and conducted by Prof. Bharati S Pawar for the students from 11/03/2024 to 15/03/2024. The program aims to help the students to learn Remote Sensing and Geoinformation Science and to benefit for their career.
3. C S I / FORCES Students' Organization arranged Orphanage visit to Vishwalila D/60, Shivshankar Colony, Chh.Sambhaji Nagar on 26/02/2024.

The objective behind arranging the program was to know the importance of Social Responsibility and the impact that small acts of kindness can have on the lives of others.

4. FORCES, the students organization arranged Seminar on Stress Management on 22/02/2024 for the students and Staff. Prof. K.R. Ghule was the Co-ordinator for the program and the objectives were:
 - i) To manage work-life balance
 - ii) To understand different theories/models of Stress
 - iii) Evaluating your Stress levels and dealing with stress positively
 - iv) Learn about Stress Management Techniques that will help to
 - v) Over come Stress.

5. The Department has organized an Expert Talk of Mr. Shamshoddin Sayed, an HR Leader on the topic 'Business Intelligence Featuring in collaboration with Data Banaries Pvt Ltd on 21st March 2024.
6. Poster Competition was arranged on the occasion of Environmental Day on 03/05/2023. Prof. Sujata Sonawane was the Coordinator and all the students of FORCES. The objective of the program was to demonstrate a clear understanding of rights, duties of human being.

CIVIL ENGINEERING:

1. 25 Research Papers published by the Faculty members during 2023-24.
2. Miss Jamdhade Gauri Ratanlal, a student was selected as a Member of the Dr. Babasaheb Ambedkar Technological University Team which participated in the West Zone/Badminton women Tournament held at SRTM University, Nanded 202-23 December 2022.
3. Dr. A.P. Wadekar published the Patent on 11/11/22 on Road Rain Water Harvesting – Efficient Tool for Road Drainage and Ground water Recharge.
4. World Water Day – 2024 was celebrated on 2 – 3/4/2024. The Guest Speaker Dr. Priyanand Agale. Govt. Poly Technic, Aurangabad, was present for the program. The program was conducted by Dr. Phul Pagar, Prof. J. R. Gaikwad and other staff members of the department. The aim behind arranging the program was to address the sustainable management of water. It also aims to raise awareness, inspire action and drive positive change.
5. The institute has participated in Avishkar Competition 2024 – organized by Dr. Babasaheb Ambedkar Technological University, Lonere. For University participation, the college conducted the Avishkar Project Competition at institute level. The objective behind conducting this competition was –
 - i) To make students aware about innovative ideas.
 - ii) To develop knowledge about innovative technology
 - iii) To study about innovative technology and pay back to the society.
6. The department of Civil Engineering conducted Road Survey and Contour Survey on 25/11/2023 at Gogababa Hills, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. All the department staff and S.Y. Civil and T.Y. Civil students were present for the Survey.

The main purpose of preparation of Contour is drawing of sections, determination of Inter visibility between two points, tracing of contour gradients, location of route and measurement of drainage area and calculation of reservoir capacity.

7. The department has organized a Civil Model Making & Exhibition program on 25/11/2023. The Resource person was Dr. R. M. Sawant, Head of the Department and all the department staff coordinated for the success of the program. The program was conducted for all the first year Engineering students of the college.

The objectives of the program were:

- (i) To make students familiar with Civil department.
 - (ii) To build relationship with other students and Staff.
 - (iii) To learn the culture and traditions of Engineering college.
8. Guest Lecture/Industrial visit at SMS CEPT Pvt Ltd, Waluj, Chh. Sambhaji Nagar on 14th March 2024. The visit was arranged to study and understand the Industrial Waste Water Treatment Plant. The students of S.Y. Civil and all staff visit the plant. The main objective of the visit was to give the practical knowledge about how raw common effluent is treated and how water is disposed.
 9. Guest Lecture/Industrial visit at Holy Cross School to Barapulla gate, Laxmi colony, Little Flower School, Chh. Sambhaji Nagar to study Road construction site visit on 27/02/2024. The students of S.Y. & T.Y. Civil and all staff were present for the visit. The purpose of visit to understand the Road Construction activity and different steps/procedures followed during the construction. Dr. Sonowane was the Resource Person for the activity.

MECHANICAL & AUTOMATION ENGINEERING:

1. The department conducted One Day Workshop on Introduction of Robotics for Tech fest Competition, I I T., Mumbai on 23/09/2022. Dr. R.G. Pungle was the Coordinator for the program and all the departmental staff help him for the success of the Program. There were 23 students who participated in the program.

The objective of the program was to:

- i) Introduce the students about basics of Robotics.
 - ii) Provide the knowledge required for participation in the Techfest Robotic Competition.
 - iii) Inspire the students to pursue a Career in Robotics.
2. The department conducted Seminar on Counselling Career Opportunities in IGTR on 22/04/2022. Prof. A.A. Gawali was the Coordinator for the program and Mr. Deshmukh, Sr. Engineer Training, Mr. Nikalje, IGTR, were the Resource Persons to

guide the students. There were total 42 students who participated in the program.

The objective of the program was (i) To aware the students about future Scope in Design and Manufacturing quality Press Tools, Dies, Moulds & Jigs and fixtures.

3. The department conducted Induction Program for new admitted students in First Year on 7/11/2022. During this program various activities and introduction to Departmental staff and all laboratories was given to students.
4. The department conducted Industrial visit of B.Tech Final year students to IGTR, Aurangabad on 05/12/2023. Prof. A.B. Gadekar and Pro. A.A. Gawali coordinated the activity and Mr. A.B. Deshmukh guided the students during the visit. There were around 125 students who participated in the visit. The objective was to demonstrate Production Machines and advance training set up available at IGTR.
5. The department conducted Seminar on Career Opportunities in NILITE, Aurangabad on 24/03/2023. Dr. R.G. Pungle was the Coordinator of the program and Mr. Saurabh Bansod, NILITE, Govt. of India was the Resource person who guided students about how to prepare for Career in NILITE. He explained about various courses and programs offered by NILITE.
6. The department conducted webinar on 'Aptitude Training Program and Career Opportunities for 2nd, 3rd and Final year students of Mechanical department on 28/03/2023. Prof. Gawali A.A. was the Coordinator for the program and Mr. Nilesh Sarwate was the Resource person. The objectives of the program was to give information about various aptitude test require for different Competitive exams and Career opportunities available in different fields. There were around 238 students who participated in the webinar.
7. The department has organized a Seminar on Career opportunities and scope of drafting and design software for Mechanical Engineering students on 27/04/2023, in collaboration with ABC Training CADD., Aurangabad. Prof. Gawali A.A. was the Coordinator of the program and Miss Prajakta, Business Head, ABC Training, Aurangabad was the Resource Person.

The objective of the program was to give the information to the students about Drafting and Design Software and Career opportunities available in that field.

8. The department has organized and conducted two week Workshop on 'Auto CAD and Fusion 360' Software on 6th to 8th Feb. 2023 for Mechanical Engineering students. Prof. P.L. Pandit coordinated the Workshop and Mr. Sahil Naghate was the Resource Person. The objective of the program was to aware the Second year

students about facilities available in Auto CAD Fusion 360 Software and its applications in Automation Engineering.

ELECTRICAL ENGINEERING:

1. One Day Seminar on Guidance and Awareness regarding Competitive Examinations, e.g. GATE, ESE & PSU was conducted on 22nd November 2022. The Guest Speaker was Mr. Arjun Chhabra, Faculty and Motivational Speaker, ACE Engineering Academy, Aurangabad.
2. Expert Talk by Shadab Ali, Managing Director, SEEDEC., Aurangabad, was organized on 24th February 2024 for Electrical students. The topic for the talk was Electrical Vehicle and BIM Software use.
3. Electrical Engineering Department arranged an Industrial visit to Liebherr Appliances India Pvt Ltd., Shendra, MIDC, Aurangabad on 17th October 2022. Around 68 students were present for the visit.

The visit aimed to provide students with insight in to manufacturing Process, Technologies and Operations of Liebherr.

RESEARCH & DEVELOPMENT ACTIVITIES:

- 1) Research Project Competition guidance lecture was organized/conducted by Dr. Dhobe M.M. for T.E. & B.E (Mech) students on 11/08/2023 for the Future Conclave Program organized by T.P. Cell, P.E.S. College of Engineering in collaboration with CII – Young India, Aurangabad Chapter.

The objectives of the Lecture were:

- a) To identification of Industry Problem
 - b) To provide the Solution to identical problem.
 - c) To develop Thinking ability among students.
 - d) Application of Industry 4.0
- 2) The Research Proposal of Dr. Dhobe was selected for funding (of Rs.3 Lakhs) under the scheme of DBATU – VC – RPG – 23).
 - 3) Avinash Ingle, TE (CSE) student received an award at National level for achieving Top Rank in Intellectual Property Talent Search Nomination 6th edition on 5th December 2023, under Engineering and Technology Domain. The college has given the financial support for attending the Award Ceremony at New Delhi.
 - 4) The P.E.S. College of Engineering has received “Best University Award” at National level, for the IPTSE (conduce by IP – ETHICON, New Delhi.

- 5) TE (CSE) students Miss Sejal R Tathe and Chaitali received 2nd and 3rd rank at National level I P T S E 5M edition, conducted by I P ETHICON New Delhi, on 19th January 2023.
- 6) P.E.S. College of Engineering awarded "Best University " award among top 10 Pan India Institutions at National level by I P ETHICON, New Delhi, on 19th January 2023.
- 7) Dr. Dhobe M.M., R & D Cell conducted a Faculty Orientation Program on Research Profile Development on 5th March 2024. The Guest Speaker was Dr. Umakant Butkar, V.B. Solutions, Nashik. The objectives of the program was to generate awareness about importance of Research, Research Publication, Research Project among teaching faculty and motivate them to do the same.
- 8) A webinar for M O U signing Ceremony between I P T S E – I P Ethicon and PES College of Engineering was conducted on June 24, 2023. During this ceremony all the R & D Cell members & HOD I P ETHICON start were present. The aim behind signing this MOU was to promote IP awareness among staff and students. This event was organized and conducted by Dr. Dhobe M.M. & R & D Cell members.

TRAINING & PLACEMENT CELL:

1. The Training & Placement Cell organized Career Counselling and Linked in optimization program on 9/2/204 for all the students of PESCOE., at Ashoka Hall. Mr. Sudarshan Bhalerao was the main speaker of the program who is learning an Development Manager at PAN India operations. The objectives of the program were:
 - (i) To empower the students or young aspiring professionals to make inform and satisfying career decisions.
 - (ii) To provide guidance, moral support and resources to navigate through complex cities in career developments.
 - (iii) Understanding the importance of industry net working.
2. The department has arranged a program to know about various courses available at IMTA-Indian Machine Tool Manufacturers Association in collaboration with CII-Aurangabad on 12/02/2024 for all the faculty members of Mechanical department and Placement Officers. Mr. Nagraj Hamilpure from Pune Secretariate was the main speaker. The objective of the program was to provide knowledge about IMTA Courses and how these course can be include in the final year curriculum.
3. The T.P. Cell organized a Seminar on effective Resume building and effective interview preparations for all the students of PESCOE. 83 students were present for the program. The objectives of the program were:
 - (i) To guide the students to create a Professional resume.
 - (ii) How to make job description-wise resume.
 - (iii) How to give interview with confidence.

4. The department has organized a program on Study Abroad opportunity for all the students of PESCOE on 1/3/2024. Mr. Vipin Mokadam, Assistant Vice-President, KC Overseas Education, Nagpur was the Speaker for the program. The objectives of the program were:
 - i) To guide about opportunities available to study in abroad.
 - ii) Entrance Exams required to study in abroad.
 - iii) How to get financial support.
 - iv) Guidance and support provided by KC Overseas Education to study abroad.
5. The Cell has organized PHONIX-2K24 Technical Fest from 4 to 6 April 2024 for all the students of all the departments. The program was organized and conducted by Ms. Mansi Waghmare and all the T.P. Cell Coordinators and placement cell students and Inter-premier cell of PESCOE. Total 200 students were present for the program. The objective was to create the awareness and participation in various technical events competitions by the students such as how to make money using AI, Digital Marketing, DIM Revit software, Block chain, the future of web3, Electrical Vehicle.
6. The Cell has also organized a program on Entrepreneurship Development on 20/02/2024, Career Counselling and abroad studies on 21/03/2024 and job versus entrepreneurship versus higher education on 23/02/2024, for all the students of PESCOE.

STUDENTS' PLACEMENT FOR 2023-24:

1. Total number of Companies visited for the campus drive - 46
2. Total number of students got placement - 42
3. Average salary given to students - 2.5 - 3 Lakhs per year.

SPECIAL ACTIVITIES.

On the occasion of **133rd Jayanti Celebration of Bharat Ratna Dr. Babasaheb Ambedkar, the Founder-Chairman of the People's Education Society, Mumbai**, various programs were arranged in the college, including Lecture Series of Eminent Speakers, with effect from 10th April to 14th April 2024. Dr. Deepak N Kakade, Associate Professor, Department of Civil Engineering, as the Chairman, Mr. Satish Gajhas, as the Dy. Chairman and Prof. Priti K Gughe as the Secretary, was elected unanimously of the Celebration Committee. The details of the program are as follows:

- (1) On 10th April 2024, Dhamma Desna and Bhim Rajani programs were conducted in the college.
- (2) On 12th April 2024, 'Vyakhyanmala' was organized in the college wherein Mr. Uttam Kamble, Senior Journalist from Nashik was Main Speaker. The topic of the speech was 'Me Bharatiya'. Also, various Sports activities were carried out in the College Campus.
- (3) The college conducted 18 Hours continuous study in the Library, Quiz Competition, Rangoli Competition, Essay Competition, Cultural activities. The Staff and students have actively participated all these programs to make a grand success of the 133rd Celebration of Bharat Ratna Dr. Babasaheb Ambedkar, the Founder-Chairman of the People's Education Society, Mumbai.
- (4) On 14th April 2016, Central function of the Celebration was arranged at Lumbini Gardens, Nagsenvana, Aurangabad, wherein Dr. Umesh Bagde, Former Head of the Department of History, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, was the Chief-Guest of the function and Dr. Ram Baheti, former Head of the Department, MSW College, and Senior most Social Activist was presided over the function. All the staff and students of the People's Education Society's Institutions at Aurangabad was present for the function.

The following Programs were conducted at the Institute

Sr.No.	Title of Program	Collaboration	Participants	Department
1	Teachers Day Celebration	Institute	All Staff & Students	All Branches
2	Engineers Day Celebration & MESA Inauguration	Institute	All Staff & Students	All branches
3	Parents Meet was organized	Institute	All Staff & Students	Mechanical Engg.
4	Industrial visits for S.E & B.E Students	Institute	All Staff & Students	Mechanical Engg.
5	CAD-CAM Workshop conducted in collaboration with IGTR., Aurangabad.	Institute	All Staff & students	Mechanical Engg.
6	Celebration of 'International Women's Day'	Institute	All Staff & Students	Women Development Cell

FUTURE CONSTRUCTION ACTIVITY:

The construction of Domes at P.E.S. College of Engineering main building maybe taken in to consideration as per availability of funds.

FUTURE PLANS:

- (1) Autonomous Institute: The college is planning to get Autonomous Institute Status as per the norms, rules and regulations of UGC ,AICTE, DTE., and DBATU.
- (2) The college plans to develop the Research Centre at each department having PG Course for Ph.D Reseaerch students.
- (3) The college plans to go for Private University as per the Government norms, if possible.
- (4) The college plans to start Additional Post-graduate courses, as per market/industry demands.

PEOPLE'S EDUCATION SOCIETY (MUMBAI)
P.E.S. COLLEGE OF ENGINEERING, NAGASEN VANA, AURANGABAD.


STATEMENT SHOWING THE BUDGET ESTIMATE FOR THE YEAR 2024-25

Sr.	Major Heads of Income	Amount (in lakh)	P. No.	Sr.	Major Heads of Expenditure	Amount (in lakh)	P. No.
1	Tuition Fees	873.78	A-5	1	Salary (Pay & Allowances)	893.54	A-6
2	Bank Interest on FDR	12.00	A-3	2	Employers Provident Fund	83.55	A-6
3	Sale of Forms & Broch.	1.50	A-3	3	Empl.Group Gratuity Scheme	15.00	A-6
4	Registration fees	0.25	A-3	4	Employees Insurance	6.78	A-6
5	Other Exams. Activities	0.50	A-3	5	Advertisement, Printing & Stationery	6.75	A-6
6	Rent of canteen	0.60	A-3	6	Maintainance of College	104.00	A-6
7	Book bank fees	0.20	A-3	7	Periodicals & Journals	2.60	A-7
8	Fine & Penalty	0.90	A-3	8	General Contengency	33.05	A-7
9	Empl. Group Insurance	1.18	A-3	9	Practical Raw Materials	2.75	A-7
10	Dividends	0.25	A-3	10	Sports & Extra Curricular Activity	5.00	A-8
11	Consultancy fee	1.00	A-3	11	Research & Development Exp	1.00	A-8
12	E Facility Fees	5.42	A-3	12	College Garden Expenses	3.50	A-8
13	Misc Receipts	4.50	A-3	13	E Facility Charges	5.42	A-8
		902.08					
	Deficit	260.86					
	Total > >	1162.94			Total > >	1162.94	


Shri V. F. Gajbhiye


Accountant

P.E.S. College of Engineering,
Aurangabad.


Dr. A. P. Wadekar

Principal

P.E.S. College of Engineering
Aurangabad.


Dr. S. P. Gaikwad
Chairman,
People's Education Society,
Mumbai.