

# Annual Report 2024-25

Srinix College of Engineering, Balasore submitted its Annual report to the Governing body for discussion and further course of action.

Detail achievements and proposal were discussed in threadbare and following resolutions were made for improvement;

## **Resolutions of the Governing Body:**

The following resolutions were adopted:

1. It was resolved to take steps for opening of new streams like, MCA in the coming academic year.
2. It was resolved to increase the budget towards conduct of Conference, Seminar and other Research related expenditure.
3. It was resolved to complete the construction of Gate first and then the security post near the main entrance to the Institute.
4. It was resolved to take steps to give more emphasis on Alumnae activities of the Institute. Date base to be prepared department wise and inviting them on regular basis for career guidance/Seminar etc. Both faculty and students will involve in the process for all alumni activities.
5. It was resolved to take steps for increasing the solar light utility in the campus.
6. It was resolved to conduct more number of seminars/workshops in every department and more faculty members will be sent for attending FDPs outside the organizations.
7. It was resolved for arranging more number of Industrial visit and guest lectures at SCE, Balasore.
8. It was resolved for applying for NBA Accreditation in Electrical Engineering department.

9. It was resolved to implement policies for motivations in doing publications and attending conference by the faculty members.
10. It was resolved to give importance to campus beautification throughout year and the front garden on the priority basis.
11. It was resolved unanimously to hold next GB meeting in the first week of January -2024.

**1. Action taken report on the resolutions of last governing body meeting held on 07.12.2023:**

***1: Proposal submitted for new MCA Programme:***

The Institute has applied for NOC to Government of Odisha to open new MCA programme. All documents have been prepared for applying to AICTE, New Delhi for approval to open MCA programme at SCE, Balasore.

***2. Increase in the budget for conduct of conference, seminar etc:***

Seminar/ conferences/workshops have been conducted by all the departments on a regular basis (at least one by a department in a semester). Faculty members are also motivated to present papers in conference/seminars conducted outside the Institute. Sometimes Institute also paid for their registration, food and Travelling allowances if not by the host Institute.

**SEMINAR / Webinar organized by department year wise:**

<b><i>Department&amp;Year</i></b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>
Civil Engineering	01	01	02	01
Electrical Engineering	02	02	06	03
Mechanical Engineering	01	01	01	01
Computer science Engineering	02	02	03	04

Basic Science and Humanities	01	00	01	-
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### 3. Security post near entrance gate:

Keeping in view the side plot construction the security post construction is delayed and it will be completed soon. Presently one temporary shelter is made for the security persons.

### 4. Alumni Association:

The Institute established Alumni association in the academic year 2021 bearing registration number **40062110438**. Every year we are conducting Alumnae meet department wise. Now it is a regular agenda of the institution to call the alumni for guest lecture, sharing industrial experience with the students, inspire and motivate the students

### 5. Increase in Solar light Utility:

Although there is a proposal to install solar panel at roof top but could not be finalized due to NBA documentation and other developmental work. Keeping in view the Electric bill and approach towards green technology it will be done after negotiations with different parties.

### 6. Faculty Development programme:

Faculty members are encouraged to go for FDP conducted at different organizations during no class period. As a part of faculty motivations Institute paid for TA, Food and accommodations to individual faculty if not paid by the host institution.

**The Electrical Engineering Department got Funds of Rs. 3,50,000/-from AICTE New Delhi under ATAL FDP and it was organized by the department from 15.06.25-20.06.2025. It was a great success for the Institute to get funds form AICTE.**

**FDPs attended by faculty year wise:**

<b>Department&amp;Year</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>
Civil Engineering	07	05	06	05

Electrical Engineering	10	04	08	20
Mechanical Engineering	06	03	03	07
Computer science Engineering	07	06	08	14
Basic Science and Humanities	03	05	05	08
MBA	-	-	03	04
Total	23	23	33	58

**7. Industrial visit and conduct of guest lecture class:**

It has been made mandatory for all the disciplines to make at least one Industrial visit for all the students to Industries/Construction site/ Soft ware centers and power grids in each semester. Invited guest lecturers in all the disciplines have become a routine work for the Institute. Apart from this online lectures/add on courses by experts from Industries/soft ware farms and reputed Institutions have been conducted in all the semesters on regular basis. Gusts are being paid from the college without charging any amount to the students.

1. CIPET Balasore two consecutive day-Mech & EE
2. Power grid Mayurbhanj-EE
3. Computer software developing center at Bhubaneswar-CSE
4. Bridge construction site near Budha Balanga river- Civil Engg

**Industrial visits by the departments:**

<b>Department&amp;Year</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>
Civil Engineering	03	04	02
Electrical Engineering	03	04	02
Mechanical Engineering	03	03	02
Computer science	01	02	01

Engineering			
MBA	-	02	02

**ADD-ON courses organized by department year wise:**

<b>Department&amp;Year</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>
Civil Engineering	01	02	01	-
Electrical Engineering	02	03	03	02
Mechanical Engineering	01	01	-	-
Computer science Engineering	04	05	04	02

**8. Applying for NBA accreditations:**

The Institute has already submitted online applications to NBA for accreditations in Electrical Engineering in 2023. It may be noted that the Institute has prepared the documents itself without consulting any outside experts. Due to different academic schedule and non synchronization of time, inspection was done by NBA in 2024 and got it in **January 2025**.

**9. Motivations for publications etc:**

The management of the Institution has made policy guidelines for publications in journal of repute. Presently faculty members are paid an amount of Rs.5000/- per publication in journal. The institute is also paying registration fees to all faculty members for NPTEL (National Programme on Technology Enhanced Learning) courses.

**Journals / Conference papers published by department year wise:**

<b>Department&amp;Year</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
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Civil Engineering	02	02	01	01	-
Electrical Engineering	09	10	06	05+2 patent	02
Mechanical Engineering	01	01	02	02	02
Computer science Engineering	03	02	02	02	02
BSH	-	-	01	01	02

### **10. Campus Beautification:**

The management has been giving priority for the development and beautification of campus. Plantation and maintaining garden is a regular work of the gardeners.

#### **Construction of Approach road&Gate:**

*As suggested by the members of the GB in the last meeting the construction of road from the entrance to the campus completed with faver bricks. Most of the inner roads between departments are also completed.*

*Tiles & Marbles have been put in the front verandah of Mechanical Engineering, Civil Engineering and Electrical Engineering departments. One fountain is constructed at the bifurcation of SCE&BSE. The empty lands in front of Civil Engineering & Mechanical Engineering departments are planted with garden grass.*

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## **Other developmental steps taken by the Institution:**

### **(1) Steps to enhance the tuition fees:**

The Institute has already applied to Government of Odisha for revision of Course fees and it is under process. Considering the present day trends in admission all the seats in CSE has been filled up for the years 2023-24 & 2024-25. Further steps are required to enhance the admission positions in all the branches of engineering.

### **(2) Conversion of 3- classrooms in to smart class room:**

As per the suggestion of the GB three class rooms already converted to smart class room & facilities like Projector, White board and green board, sound system, Smart board internet etc are in place. Out of the three rooms one room is mostly used for Skill development purpose and the others for classes. One more class room is also provided with projector for taking regular classes.

### **(3) Increase the number of titles and books in the library:**

Library & reading room measuring 2300 Sq.ft already are in use since the year 2021.

Steps have already taken to increase the number of titles and books in the library. The library is now automated and online journal & books are available for the staff and students of the Institute. Air conditioned reading room with a capacity of 40 students is now used by the students of Srinix College of Engineering, Balasore. Four numbers of computers with internet facility is available to search the books, titles and journals subscribed by the library.

**Total books available in the Library: 17073 books & 2362-Titles**

**NB: 1. J Gate&E-journal renewed for the year 2024-25.**

**2. Pro-Quest E-book introduced in 2023-24.**

**Books Available in the library Department wise:**

<b>Sl No</b>	<b>Branch/Discipline</b>	<b>Total Books Available</b>	<b>Total Title</b>
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1	Civil Engineering	1947	2362
2	Computer Sc & Engineering	2420	
3	Electrical Engineering	5131	
4	Mechanical Engineering	2496	
5	BSH	4166	
6	MBA	685	
7	MCA	228	
	Total	17073	2362

**(4) NBA Accreditation for Electrical Engineering:**

It's really a happy moment to inform all the esteemed members that SCE, Balasore has already accredited by NAAC with B++ grade.

The Electrical Engineering department has also got NBA Accreditation for Electrical Engineering on 03.01.2025 for a period of 3- years.

**(5) Social service render by the institute:**

***List of activities:***

***Social Services render by the Institute:***

***(A) Social activities of the Institution are a continual process.***

List of activities:

SL No	Date	Event	Remark
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1	17.12.2022	Blood Donation camp at SCE, Balasore	130-units of Blood collected
2	06.07.2022	Tree Plantation nearby villages	135-plants
3	15.09.2022	Yoga camp	100-participants
4	21.06.2022	Yoga camp	130-participants
5	07.10.2023	Tree Plantation at Remuna, Balia RD office	90- plants
6	20.07.2023	Tree Plantation college campus	85-plants
7	05.06.2023	Tree Plantation at Haripur village field	100-plants
8	08.03.2025	Woman' s day	Celebrated International Woman' s day
9	22.03.2023	Tree Plantation road side	75-plants
10	12.04.2024	Blood donation camp at campus	116- units of blood donated by staff and students
11	13.08.24	Plantation drive	45- plants planted
12	02.10.2024	Swachha Bharat Abhiyan at Chandipur Sea beach	200- students including NSS volunteers participated in the beach cleaning
13	19.04.2025	Blood donation	70- units of blood donated by staff and students

14	05.06.2025	Plantation drive through Ultra Tech Cement&SCE Balasore-World Environmental Day	20- Fruit plants planted
15	01.07.2025	Plantation drive through SBI and SCE- Balasore	25- Fruit plants planted

**(B) Study Assistance to poor students to continue their studies in Schools (10<sup>th</sup>) and Higher Secondary Schools (10+2):**

The management of the institute provides financial assistance to 155- numbers of poor students of 10<sup>th</sup> and (10+2)<sup>th</sup> to carry on their studies.

**Number of beneficiaries received financial help with year-wise breakups**

<b>Year</b>	<b>Amount Received</b>
2019	1,62,700
2020	3,04,650
2021	76,600
2022	60,000
2023	37,000
2024	85,000

**(C). providing financial helps to the poor and needy people:**

Balasore Technical Education Society (BTES), Balasore has been extending its financial support to the poor & needy peoples of the locality for medical treatment. Any poor and needy person requires financial support for his/her medical treatment and came to the management never return empty handed.

**(6) Polythene as well as tobacco frees campus:**

The Institute has already taken steps to make the campus tobacco free as well as polythene free. Two awareness programmes conducted for the students by inviting speakers from outside as per the list given below:

One programme was conducted at SCE, Balasore on the demerits of tobacco and drugs consumption by the “Crime department of Odisha in association with Prajapita Brahma Kumari” organization, Balasore, on 21.08.2024.

Sign board for “Use of plastic is prohibited” is placed in position at the entrance to SCE, Balasore.

Sl No	Topic	Students	Source of information/guest invited from	Date of meeting
1	Drug Abuse-The Art Of Living	All Branch	Live Telecast From New Delhi	19 .02. 2023
2	Drugs de-addiction programme	All branch	Crime department of Odisha in association with Prajapita Brahma Kumari organization, Balasore	21.08.2024

**(7) Implementation of Proctor system in all the departments:**

The proctor system has been implemented successfully since 2020-21. Fifteen to twenty numbers of students have been allotted to an individual faculty member. Regular mentoring is done by the faculty by calling the students at least twice in a month and all the records are maintained by the proctor. All these records are verified by the HODs in the department monthly review meeting.

**(8). Pre placement training:**

*One specific trainer has been recruited to train the students of final & pre final year for both technical (in the presence of department faculty) as well as non-technical subjects (Development of Personal interview skill, GD, Aptitude & English) at free of cost. PPT classes have been conducted as per the plan of the institution. Written test examinations have also been conducted from the down loaded questions of different companies. Group discussions*

in every fifteen days & Mock interview with outside experts have already been conducted for the final year students.

**(9) Purchase of New Equipment:**

36-new computers purchased for computer lab with latest configuration and are used by the faculty and students for practical purposes. This laboratory is also utilized for the conduct of outside examinations like CHJSE evaluation, Banking examinations etc. One of our computer laboratories with 46- computers have been used for the evaluation of 10+2 papers by CHSE, Odisha.

**(10). Increase in Salary of the staff:**

The annual increments of the members of the staff have already been given as per the policy of BTES up to 2023-24. This is for the information of all the esteemed members that the management has been paying salary to its employee regularly.

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**4. INCOME AND EXPENDITURE STATEMENT FOR THE FINANCIAL YEAR 2023-24**

INCOME			EXPENDITURE		
I	Tuition fee	5,28,80,929	I	Salary	2,48,82,319
II	Reg <sup>n</sup> . fees	27,70,500	II	Admission	58,25,551
III	Interest	3,60,717	III	Affiliation	26,55,160



			XXV	College contingency	4,27,215
			XXVI	ESI	2,96,725
			XXVII	Social work&Medical Aid	1,82,791
			XXVIII	Bank Charge deduction	37,735
			XXIX	Transfer for development work	1,18,50,000
				<b>Total</b>	<b>6,59,99,828</b>
				<b>Excess of income over expenditure (C/B)</b>	<b>99,89,703</b>

**5. BUDGET OF INSTITUTION FOR THE FINANCIAL YEAR 2024-25**

INCOME			EXPENDITURE		
I	Tuition fee	5,80,00,000	I	Salary	2,82,00,000
II	Reg <sup>n</sup> . fees	50,50,000	II	Admission	36,40,000
III	Interest	3,45,859	III	Affiliation	1,40,000
IV	BF	99,89,703	IV	Exam Expenses	2,60,000

			V	Lab Repairing&Maintenanc e	6,80,000
	<b>Total</b>	<b>7,33,85,562</b>	VI	Sports&Cultural	6,20,000
			VII	Staff & Welfare	1,85,000
			VIII	SEMINAR&PLACEMENT CONFERENCE	2,38,000
			IX	Prof Tax	2500
			X	Transportation&	27,40,000
			XI	Generator fuel	
			XII	Study assistance	4,60,000
			XIII	POSTAGE	20,000
			XIV	INTERVIEW	80,000
			XV	ADVERTISEMENT	5,40,000
			XVI	PRINTING & Stationary	6,40,000
			XVII	Telephone&Internet	4,60,000
			XVIII	Travelling&conveyance	10,70,000
			XIX	BPUT regn. fees	28,50,000
			XX	Library	10,40,000
			XXI	Security salary	1,80,000
			XXII	Gardening	8,10,000
			XXIII	Lab equipment	26,40,000
			XXIV	Campus development	82,00,000
			XXV	College contingency	4,60,000

			XXVI	ESI	24,000
			XXVII	Social work&medical add	6,30,000
			XXVIII	Bank Charge deduction	35,000
			XXIX	Transfer for development work	70,00,000
				<b>Total</b>	<b>6,38,44,500</b>
				Excess of income over expenditure (C/B)	<b>95,41,062</b>

**INCOME AND EXPENDITURE STATEMENT FOR THE FINANCIAL YEAR 2024-25**

INCOME			EXPENDITURE		
I	Tuition fee	5,90,80,695	I	Salary	2,63,55,129
II	Reg <sup>n</sup> . fees	30,82,000	II	Admission	49,02,700
III	Interest	3,09,321	III	Affiliation	15,91,682
IV	Other	73,93,168	IV	Exam Expenses	15,29,888
	BF	95,41,062	V	Lab Equpt. Repairnig &Maintenance	10,85,984
	<b>Total</b>	<b>7,94,06,156</b>	VI	Sports&Cultural	8,86,190
			VII	Staff Welfare	70,638

			VIII	SEMINAR&PLACEMENT CONFERENCE	15,82,572
			IX	Prof Tax	2500
			X	Transportation&	23,89,951
			XI	Generator fuel	
			XII	Study assistance	1,85,200
			XIII	POSTAGE	12,000
			XIV	INTERVIEW	1,58,640
			XV	ADVERTISEMENT	4,09,354
			XVI	PRINTING&Stationary	7,73,563
			XVII	Telephone&Internet	4,99,623
			XVIII	Travelling&conveyance	5,72,680
			XIX	BPUT regn. fees	36,28,975
			XX	Library	8,55,651
			XXI	Security salary	2,86,154
			XXII	Gardening	2,21,575
			XXIII	Lab equipment	16,80,451
			XXIV	Campus development	51,96,144
			XXV	College contingency	3,46,107
			XXVI	ESI	84,560
			XXVII	Social work&Medical Aid	2,34,638
			XXVIII	Bank Charge deduction	2,04,887

			XXIX	Transfer for development work	1,39,20,000
				<b>Total</b>	<b>6,96,67,436</b>
				<b>Excess of income over expenditure (C/B)</b>	<b>97,38,720</b>

**BUDGET OF INSTITUTION FOR THE FINANCIAL YEAR 2025-26**

INCOME			EXPENDITURE		
I	Tuition fee	6,62,00,000	I	Salary	2,92,00,000
II	Reg <sup>n</sup> . fees	30,50,000	II	Admission	48,40,000
III	Interest	3,37,852	III	Affiliation	2,40,000
IV	BF	97,38,720	IV	Exam Expenses	4,20,000
			V	Lab Repairing&Maintenanc e	10,80,000
	<b>Total</b>	<b>7,93,26,572</b>	VI	Sports&Cultural	9,20,000
			VII	Staff & Welfare	2,10,000
			VIII	SEMINAR&PLACEMENT CONFERENCE	12,40,000

			IX	Prof Tax	2500
			X	Transportation&	28,20,000
			XI	Generator fuel	
			XII	Study assistance	4,80,000
			XIII	POSTAGE	20,000
			XIV	INTERVIEW	1,40,000
			XV	ADVERTISEMENT	5,80,000
			XVI	PRINTING&Stationary	8,20,000
			XVII	Telephone&Internet	5,20,000
			XVIII	Travelling&conveyance	11,20,000
			XIX	BPUT regn. fees	30,50,000
			XX	Library	11,20,000
			XXI	Security salary	2,90,000
			XXII	Gardening	8,20,000
			XXIII	Lab equipment	28,20,000
			XXIV	Campus development	68,00,000
			XXV	College contingency	5,20,000
			XXVI	ESI	94,000
			XXVII	Social work&medical add	6,80,000
			XXVIII	Bank Charge deduction	2,10,000
			XXIX	Transfer for development work	95,00,000
				<b>Total</b>	<b>6,95,56,500</b>

				Excess of income over expenditure (C/B)	<b>97,70,072</b>

## **6. ADMISSION 2023-24 and 2024-25**

The college got approval from AICTE to start B.TECH courses from 2009-10 sessions and was subsequently affiliated to BPUT in the same year. Total number of fresh and lateral entry students has been admitted in different academic years is given below:

### **Fresh & Lateral students (2023-24, & 2024-25):**

BRANCH	Approved intake	2023-24 admission		2024-25- admission	
		Fresh	Lateral	Fresh	Lateral
Mechanical Engg.	90	09	84	20	90
Computer science & Engg.	120	122	17	89	16
Civil Engg.	60	04	61	07	49
Electrical Engg	60	23	52	29	43
MBA	120	34	-	63	-
<b>TOTAL</b>	<b>450</b>	<b>192</b>	<b>214</b>	<b>208</b>	<b>198</b>

## **7. Assessment of Academic activities and future academic planning**

## **7.1 Assessment of Academic activities:**

Utmost importance has been given to academic activities since inception of the college. Several steps have been taken time to time to improve quality of teaching by recruiting qualified and career based teachers. Coverage of syllabus, conducting examinations, both internal/class test examinations as per BPUT pattern and regular contact with the guardians of the students by giving them feedback regarding attendance and results of their wards are the main features of the academic activities. Details of the activities are placed below.

- I. Calculation of exact working days before commencement of classes of each semester.
- II. Preparation of module wise lesson plan as per the number of exact working days.
- III. Inclusion of doubt clearing classes every week.
- IV. Conducting internal examinations in addition to surprise class tests as per BPUT pattern.
- V. Monthly review of progress of syllabus by academic coordinator&principal of the college as well as by the management in each semester.
- VI. Conduct of Quiz test in each Laboratory class after completion of 2/3 experiments.
- VII. Preparation of questions&answers of previous 5- years (BPUT questions) and uploading it in the college website for student' s consumption.
- VIII. 100% coverage of syllabus.
- IX. Monthly feedback to the parents / Guardians regarding attendance and performance of their wards in the internal examinations.
- X. Uploading of probable question and answers and important notes for each subject, semester wise in the website.
- XI. Registered letters have been sent to the parents of the students having attendance less than 50%.

## **7.2 Achievements**

- I. Got NAAC- accreditations in 2023 &NBA-accreditations in 2025 in Electrical Engineering, which is unique in the eastern region among Engineering Colleges. It' s important to note that documents for both accreditations are prepared by the institute itself without any outside agent.
- II. Our students got prizes for Robotics competitions at IIT, Roorkee, BPUT Tech Carnival and in IIT- Madras. Students also got prizes in BPUT Tech carnival in two more categories, i.e., solo song and coding.
- III. Got funding of **Rs. 3,50,000/- from AICTE, New Delhi** for conducting 6- days FDP programme. We conducted it at SCE, Balasore from 15.06.25-20.06.2025 very

successfully. Honorable **Vice chancellor of BPUT Prof Amiya Kumar Rath** was invited to the inaugural ceremony on 15.06.2025 as chief guest.

- IV. Conducted annual tech fest (invited school and colleges) and annual function for 5- days for BTES group of colleges at Srinix ground.
- V. Invited one **international speaker Ms Debesree Ray** to deliver talk on cyber security in the department of Computer Science & Engineering.
- VI. Got approval from **NIELIT** for different computer courses to be taught at SCE, Balasore.
- VII. Use of Smart board in the class room teaching.
- VIII. Completed MCA infrastructure for new MCA programme to be started from 2025-26.
- IX. Established Center of Excellence at Civil Engineering Department in collaboration with Ultra Tech Cement.
- X. One lift installed in the academic block for students and staff movement to upstairs.
- XI. Monthly feedback of attendance and performance in internal tests were intimated to the guardians through the proctor.
- XII. Seminar/Workshop/Industrial visits conducted on regular basis.
- XIII. Two students got selected (best ten from Balasore) in the debate completions “Bikashit Bharat Youth Parliament” - District level competitions.

## **8. Unveiling of Monthly News Letter:**

The Institution has taken steps to bring all the activities of the Faculty members and students in the monthly news letter. This encourages participation of all stake holders in different activities and enhances the reputation of individual as well as the Institution. The news letter is circulated in online mode for all stake holders.

## **9. Result Analysis:**

### **FINAL YEAR PASS PERCENTAGE OF STUDENTS (pass out year-2023-24)**

Program Code	Program Name	Program Specialization Name	Number of Students Appeared in the Final Year Examination	Number of Students Passed in the Final Year Examination	Pass Percentage (%)
UG-CE	B.Tech	CIVIL ENGINEERING	48	46	95
UG-CS	B.Tech	COMPUTER SCIENCE&ENGINEERING	63	62	98
UG-EE	B.Tech	ELECTRICAL ENGINEERING	30	26	86
UG-ME	B.Tech	Mechanical Engg	86	85	98

**FINAL YEAR PASS PERCENTAGE OF STUDENTS (pass out year-2024-25)**

Program Code	Program Name	Program Specialization Name	Number of Students Appeared in the Final Year Examination	Number of Students Passed in the Final Year Examination	Pass Percentage (%)
UG-CE	B.Tech	CIVIL ENGINEERING	48	48	100
UG-CS	B.Tech	COMPUTER SCIENCE&ENGINEERING	94	94	100
UG-EE	B.Tech	ELECTRICAL ENGINEERING	59	58	98.3
UG-ME	B.Tech	Mechanical Engg	112	107	95.54

**10. FACULTY POSITIONS:**

The management of the institution has the intention not to compromise with the academic activities of the institution from its very inception. In order to achieve the goal and to be at par with other advanced institutions in the state, highly qualified and dedicated faculties who can deliver the best to fulfill the objective are recruited.

**DISCIPLINE WISE FACULTY POSITION**

Keeping in view the AICTE norms, the students to faculty ratio, i.e., 20:1, the institution has appointed adequate number of faculty members discipline wise.

<b>Branch/Discipline</b>	<b>No of Faculty members (Regular)</b>
EE	10
MECH	08
CSE	12
CIVIL	06
BASIC SCIENCE&HUMANITIES	10
MBA	07
<b>TOTAL</b>	<b>53</b>

### **11. Laboratory Facilities**

The college has well equipped laboratories for the entire strength of the students. Emphasis is given on the practical aspect of a subject for clarity and improvement of innovative skill. Adequate number of equipment has been added to each laboratory to provide enough exposure to the students on the equipment, machines handled by them.

#### **Laboratory Set Up for 1<sup>st</sup> Year:**

PHYSICS	01
CHEMISTRY	01
EEE	01
ETC	01
MECH	03
CS	02
Engg Graphics	01

<b>TOTAL</b>	<b>10</b>
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Laboratory for various branches:

EE	14
MECH	13
CSE	14
CIVIL	10
BSH	04- Independent
<b>TOTAL</b>	<b>55</b>

The group strength in practical classes in the laboratories is limited to a maximum of 20-25. For light machineries in Electrical, Mechanical, Physics, Chemistry, one equipment/machine is given to a maximum of 3/4- students so that students can learn the technique of handling the equipment and have enough exposure to operate and carry out the practical job as prescribed by BPUT. However in computer lab each student has been provided with one computer.

## **12. Infrastructure Facilities:**

This institute got approval from AICTE with an instructional built up area of 4037 sq m. Administrative area of 538 sq m and amenity area of 995 sq m. Subsequently institutional area was expanded to fulfill the requirements of various laboratories as prescribed by BPUT for the session 2025-26. The details of the infrastructure of the college are placed as under.

Total built up area of the college consists of:

- I. Instructional Area
- II. Administrative Area
- III. Amenities Area
- IV. Residential Area

### **12.1: Instructional Area Consists of:**

Class Room	26
Tutorial Room	05
Drawing Room	01
Laboratories	55
Workshop	04
Computer Laboratories + Other places	07
Library room	01
Girls common room	01
Generator	01-40KVA
Fire Extinguisher	25
Internet	400-MBPS – leased line

Total instructional built up area of the institutions is 10,888sqm.

### **13. Plans for 2025-26:**

The institute came across various difficulties to improve the performance of the students to a desired level. In order to overcome the difficulties faced by the institute following measures are proposed to be taken so as to make the institute at par with other advanced institutions in Odisha.

New recruitment of faculty members will be done through open advertisement like previous years.

National level seminar will be conducted for all the branches of engineering in each semester.

Industrial visits will be included in the Academic calendar, preferably before the X-Mass holiday/end semester holiday.

Faculty motivation for publication of papers in journal will be continued.

It is decided to do live projects for the final year students.

Proposed to open new branches at SCE, Balasore, i.e., ECE for the session 2026-27.

Increase in intake from 60 to 90 in Electrical Engineering.

Admission for MCA programme with 60-seats will be done for the year 2025-26.

Proposed to construct a new 4- storied building of 26,000-sq-ft for opening of **new diploma streams** under Srinix College of Engineering, Balasore.

Effective step to be taken to improve the attendance of the students substantially. Steps taken in the previous academic year have given good results- through effective proctor system.

Periodic review to be made more frequent to assess the difficulties of the students in both academic&administrative matters.

Skill development classes will be conducted on regular basis like last year to increase the employability and strengthen training&placement cell.

Due importance will be given for the conduct of practical classes to make the students conversant with the practical knowledge.

Faculty members will be sent for FDP programme when there is no class work.

Alumni meet will be organized for all the departments and the expertise and experience of alumnae will be utilized for improvement.

#### **14. Placement Positions:**

Training & placement cell of Srinix College of Engineering, Balasore started functioning from the academic year 2012 – 13 with an objective to prepare students by imparting pre-placement training (PPT) and place them suitably in different companies. Since 2022-23, we are giving training in English, Personal Interview, Group discussion, Aptitude&Reasoning as well as technical training to our students through internal and external faculty members. We conduct Mock Interview through outside experts for all the final year students.

Utmost care is given to contact reputed companies & bring them to our campus for recruitment. We take feedback from employer as input and accordingly we change our placement strategies. We send invitations to companies for campus drive as well as for summer & winter training. Personal visit by our placement team maintains good relationship with the companies.

We go for placement only after verification by the placement team and percolate all the information to the students. We also encourage the students to approach the company independently; in case the companies are not willing to conduct on – campus.

In order to enhance the skill of the students further, it is decided to continue industrial visit every semester for the students and conduct Pre Placement Training (PPT) for the students of 5<sup>th</sup> & 7<sup>th</sup> semester.

**TRAINING & PLACEMENT CELL:**

**PLACEMENT SUMMARY:**

Academic Year	No. of students placed in different Branch					Total No. of students placed
	ME	CE	EE	CSE	MBA	
2022-23	31	07	32	14	-	84
2023-24	30	08	32	21	-	91
2024-25	21	06	18	16	02	63

**Placement percentage:**

Academic Year	Total No. of students placed	Total No. of Students Passed	Percentage
2022-23	84	227	37.00
2023-24	91	253	36.00
2024-25	82	337	24.37

\*\*\*THANK YOU\*\*\*