



SYNERGY INSTITUTE OF TECHNOLOGY, BHUBANESWAR

Approved by AICTE, New Delhi, Affiliated to BPUT, Odisha, Accredited by NBA

Bhimpur, Phulnakhara, Pahala, Bhubaneswar, Odisha, India – 752101

MANDATORY DISCLOSURE

Name of the Institution:

Name	SYNERGY INSTITUTE OF TECHNOLOGY		
Address	PHULNAKHARA		
Village	BHIMPUR		
District	KHURDA		
Pin Code	752101		
State	ODISHA		
STD Code	0671	PHONE NO: 2356150, 2356152	
Fax No.	2356151	E-MAIL:contact@synergyinstitute.ac.in	
Web site	www.synergyinstitute.ac.in		
Nearest Rly Station	CUTTACK & BHUBANESWAR		
Nearest Airport	BHUBANESWAR		

Name and address of the Trust/ Society/ Company and the Trustees

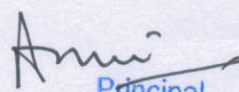
Name	Sivani Educational Charitable Trust
Address	Banamali Prasad, By the side of NH-55, Dhenkanal, 759001
Mobile	
E-Mail	

Name and Address of the Vice Chancellor/Principal/Director

Name	Prof.(Dr) Aswini Kumar Mohanty
Address	Bhimpur, Phulnakhara, Pahala, Bhubaneswar, Odisha, India - 752101
Telephone	+91-671-2356150/151
Mobile	+ 91 9437224154
E-Mail	principal@synergyinstitute.ac.in

Name of the affiliating University

Name	BIJU PATNAIK UNIVERSITY OF TECHNOLOGY		
Address	UGIE Complex, Jail Road, Rourkela (ORISSA)		
Pin Code	769004	Period of Affiliation	2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2016-17, 2018-19, 2019-20, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2025-26
STD Code	0661	Phone No.	2501349
Fax No.	2501345	E-Mail / Web site	bput@bput.org www.bput.org


Principal
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Governance

Members of the Board and their brief background:

S.N.	Name & Position	Brief Profile
1	Sri Binod Dash Chairman & Managing Trustee	<ul style="list-style-type: none"> ❖ Manages two small-scale packaging units at Cuttack. Positions Held: ❖ Honorary Secretary, OPECA (Odisha Private Engineering College Association) ❖ President, OARS (Odisha Association of Rowing & Sculling) ❖ Vice President, FAMPEI, RAA, RFI, OSBA, UCCI, Odisha Basketball Association. ❖ Governing Body Member, CTTC & CIPET ❖ Ex-Member, Ravenshaw Autonomous College, BFTI Sports: Represented Odisha in National Badminton & Basketball
2	Er. Ajay Ku. Sahu Trustee Member	Civil Engineer; manages small-scale industry (motor control centre, power distribution boards, allied products). Secretary, L.N. Sahu Maha Vidyalaya, Jagatpur. Former President, Rotary Club of Cuttack Mid Town. Former Secretary, Odisha Productivity Council & Utkal Chamber of Commerce & Industry.
3	Prof. (Dr.) Sanjay K. Nayak Member, GB	Academician; Vice Chancellor, Ravenshaw University
4	Prof. (Dr.) B.B. Biswal Member, GB	Academician; Vice Chancellor, OUTR, Bhubaneswar
5	Sri Vivek Pattnayak, IAS (Retd.) Member, GB	Civil Administrator. IAS (1967 batch). Ex-Chairman, OPSC. Ex-Director, International Civil Aviation Organisation, Montreal (10 yrs). Ex-Chairman, CESU & Bhubaneswar Stock Exchange.
6	Dr. S.K. Tamotia Member, GB	Administrator (Industry & Academic). Ex-Chairman & MD, NALCO. Ex-CEO, Aditya Aluminum. Director, Bharatiya Vidya Bhawan, Bhubaneswar.
7	Dr. Damodar Acharya Member, GB	Former Chairman, AICTE, New Delhi
8	Brig. (Dr.) L.C. Patnaik Member, GB	Former Chairman, OPSC
9	Dr. D.P. Mishra Member, GB	Academician. Professor, Aerospace Engineering, IIT Kanpur. Subject Editor, <i>International Journal of Hydrogen Energy</i> .
10	Dr. Antaryami Mishra Member, GB	Former Director, IGIT Sarang
11	Maj. Gen. Atanu Pattanaik Member, GB	Social Activist
12	Dr. Lagnajit Dash Trustee	Trustee, Shivani Educational & Charitable Trust
13	Smt. Anita Padhi Trustee	Managing Director, M/s JMPL. Social Worker

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14	Dr. Ajaya Kumar Swain Member Secretary	Director, Synergy Institute of Technology, Bhubaneswar
15	Prof. (Dr.) Aswini Kumar Mohanty Principal & Member Secretary	Academician. Principal, Synergy Institute of Technology, Bhubaneswar
16	Prof. Chitrasen Jagatdeo Member, GB	Academician. Assistant Professor (English), Synergy Institute of Technology, Bhubaneswar

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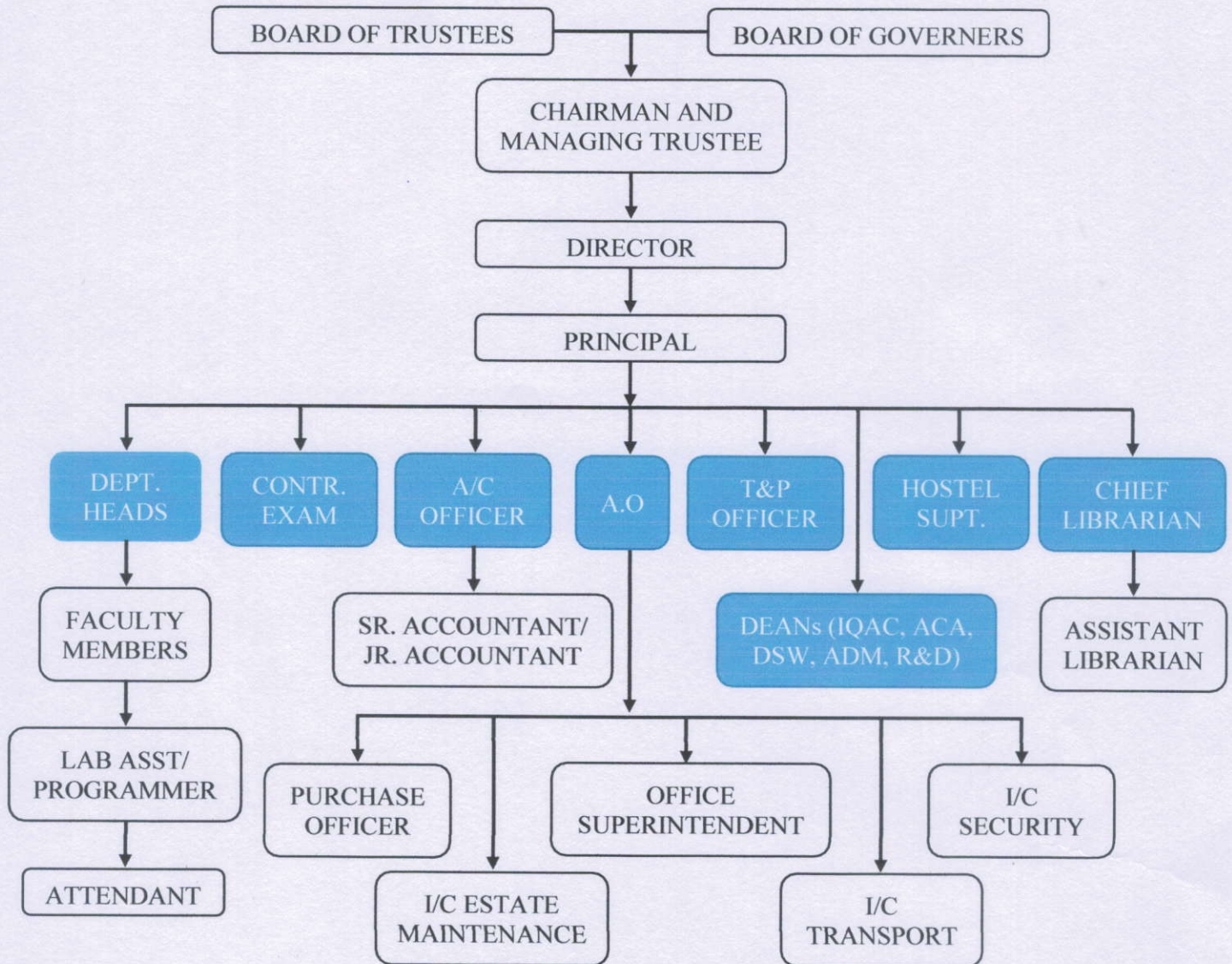


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I. Organizational chart



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ii. Grievance Redressal mechanism for Faculty, staff and students

Sl. No	Name	Department	Designation	Post
1	Dr. Srinibash Swain	EE	Professor	Chairman
2	Dr. Jogeswari Rout	Chemistry	HOD-BS&H	Coordinator
3	Mr. Kshirod Kumar Parija	Mathematics	HOD-Math.	Member
4	Mr. Pankaj Kumar Dash	CE	HOD-CE	Member
5	Dr. Ramesh Chandra Nayak	ME	HOD-ME	Member
6	Mr. Biswaranjan Sarangi	CSE	HOD-CSE	Member
7	Mrs. Mamata Rani Swain	EE	Asst. Prof.	Member
8	Mr. Mardaraj Mishra	CSO	CSO (Rtd. Police Officer)	Member
9	Ajaya Kumar Das	Journalist	Senior Reporter	Member
10	Santosh Kuamr Rout	Library	Librarian	Member
11	Debashis Nayak	Admission	Admission Head	Member
12	Rudra Naraya Jena	CE	Student	Member
13	Sipra Bhuyan	CSE	Student	Member

iii. Establishment of Anti Ragging Committee

Sl. No.	Name	Post
1	Dr. Anjan Kumar Sahoo(Mechanical)	Coordinator
2	Mr. Vivekananda Patanaik(Electrical)	Member
3	Mrs. Lopamudra Sahoo(Civil)	Member
4	Miss Sradhanjali Mishra(BS &H)	Member
5	Mr. Sujeet Kumar Nayak(CSE)	Member

iv. Establishment of Online Grievance Redressal Mechanism

Sl. No.	Name	Post
1	Dr. Anjan Ku Sahu, Prof. (ME)	Prof. I/c & Coordinator
2	Prof. C. Jagatdeo, Director (Admn)	Member
3	All HODs	Member
4	Mr. Laxmikanta Pradhan, AO	Member

v. Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University

vi. Establishment of Internal Committee (IC)

Sl. No.	Name	Post
1	Mrs. M.R. Swain, Asst. Prof. (ECE)	Coordinator
2	Mrs. Tapasi Das, HOD (CSE)	Member
3	Mrs. Lopamudra Sahoo, Asst. Prof. (CE)	Member
4	Mrs. Priyabadini Biswal, Asst. Prof. (Phy)	Member



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vii. Establishment of Committee for SC/ST

Sl. No.	Name	Post
1	Mr. Chandan Behera	Coordinator
2	Mr. Sudhanshu Sekhara Singh	Member
3	Mrs. Sushree Sangita Das	Member
4	Miss.Shakti Swaurupa Dash	Member

viii. Internal Quality Assurance Cell

Sl. No.	Name	Post
1	Dr. A.K. Swain, Director	Chairman
2	Dr. Srinibash Swain, Prof. (EE)	Coordinator
3	Dr. Jogeswari Rout, Dean (S/W)	Member
4	All HODs	Member

ix Equal Opportunity facilities Cell.

Sl. No.	Name	Post
1	Mr. Chitrasen Jagatdeo (Director Admin)	Coordinator
2	Dr. Jogeswari Rout (Dean S/W)	Member
3	Mr. Naresh Patra	Member
4	Mr. Subhakanta Bal	Member
5	Mrs. Tapasi Das	Member
6	Mrs. Mousumi Mohapatra	Member

18.6 Programmes

Name of Programmes approved by AICTE

Sl. No.	Courses Approved by AICTE	Number of Seats
1	Computer Science & Engineering	180
2	Civil Engineering	60
4	Mechanical Engineering	60
5	Electrical Engineering	60

ii. Name of Programmes Accredited by NBA

Sl. No.	Programmes Accredited by NBA	Number of Seats
1	Mechanical Engineering	60
2	Electrical Engineering	60

iii. Status of Accreditation of the Courses

Sl. No.	Programmes Accredited by NBA	Status
1	Mechanical Engineering	Accredited (3 Years)
2	Electrical Engineering	Accredited (3 Years)



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iv. Total number of Courses

Sl. No.	Name of The Course	Number of seats	Duration
1	Computer Science & Engineering	180	4 years
2	Civil Engineering	60	4 years
3	Mechanical Engineering	60	4 years
4	Electrical Engineering	60	4 years

v. For each Programme the following details are to be given (Preferably in Tabular form):

Sl. No.	Name	Number of seats	Duration	Cut off marks/rank of admission during the last years
1	Computer Science & Engineering	180	4 years	Allotted through OJEE.
2	Civil Engineering	60	4 years	
3	Mechanical Engineering	60	4 years	
4	Electrical Engineering	60	4 years	

vi. Fee (as approved by the state government)

No. SDTE-HTE-HTE-1-0010-2017/ 5332/SDTE / DT. 16/08/2025, Group- C, Sl. No. 11 Fees: 56,500 – 64,000 as approved by Govt. Of Odisha (Annexure Attached)

vii. Name and duration of Programme (s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details, if any: NA

- Details of the Foreign University, if any
- Name of the University
- Address
- Website
- Accreditation status of the University in its Home Country
- Ranking of the University in the Home Country
- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country

viii. Nature of Collaboration: NO

ix. Complete details of payment a student has to make to get the full benefit of Collaboration

x. For each Programme Collaborated provide the following:

xi. Programme Focus

xii. Number of seats

xiii. Admission Procedure

xiv. Fee (as approved by the state government)

xv. Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/ Foreign University has applied to AICTE for approval

Principal

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18.7 Faculty

i. Course/Branch wise list Faculty members:

Sl. No.	Name	Designation	Appointment Type	Branch
1	Dr. Pankaj Kumar Dash	Assistant Professor	Regular	CIVIL
2	Mrs. Lopamudra Sahu	Assistant Professor	Regular	CIVIL
3	Mr. Chandan Kumar Behera	Assistant Professor	Regular	CIVIL
4	Mrs. Mousumi Mohapatra	Assistant Professor	Regular	CIVIL
5	Mr. Sameer Ranjan Sahoo	Assistant Professor	Regular	CIVIL
6	Mrs. Saswati Khatua	Assistant Professor	Regular	CIVIL
7	Mrs. Sheela Suvadarsini Das	Assistant Professor	Regular	CIVIL
8	Mr. Shakti Prasad Sahoo	Assistant Professor	Regular	CIVIL
9	Mrs. Dipti Kiran Padhy	Assistant Professor	Regular	CIVIL
10	Miss. Annapurna Mahanta	Assistant Professor	Regular	CIVIL
11	Mrs. Manisha Mohanty	Assistant Professor	Regular	CIVIL
12	Dr. Smita Sahoo	Associate professor	Regular	CIVIL
13	Mrs. Mamata Sinha	Assistant Professor	Regular	CIVIL
14	Mr. Rasmi Ranjan Mohanty	Assistant Professor	Regular	CSE
15	Mrs. Sandigdha Acharya	Assistant Professor	Regular	CSE
16	Mr. Saroj Kumar Nayak	Assistant Professor	Regular	CSE
17	Mr. Debananda Sahu	Assistant Professor	Regular	CSE
18	Mr. Biswaranjan Mishra	Assistant Professor	Regular	CSE
19	Dr. Dillip Kumar Mohapatra	Professor	Regular	CSE
20	Miss. Shaktis Warupa Dash	Assistant Professor	Regular	CSE
21	Mrs. Swikruti Dash	Assistant Professor	Regular	CSE
22	Mr. Sujeet Nayak Kumar	Assistant Professor	Regular	CSE



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23	Mrs. Tapaswi Ni Rout	Assistant Professor	Regular	CSE
24	Mrs. Karisma Mohapatra	Assistant Professor	Regular	CSE
25	Mrs. Subrata Roy	Associate professor	Regular	CSE
26	Miss. Sushree Subhasmita Mohanty	Assistant Professor	Regular	CSE
27	Mr. Budhes Kumar Prusty	Assistant Professor	Regular	CSE
28	Dr. Prakash Chandra Jena	Associate professor	Regular	CSE
29	Mr. Arabinda Tripathy	Assistant Professor	Regular	CSE
30	Mr. Saubhagya Ranjan Das	Assistant Professor	Regular	CSE
31	Mrs. Tapasi Das	Assistant Professor	Regular	CSE
32	Mrs. Mamataran I Swain	Assistant Professor	Regular	ELE
33	Mr. Vivekana Nda Pattanaik	Assistant Professor	Regular	ELE
34	Mr. Smruti Ranjan Mohanty	Assistant Professor	Regular	ELE
35	Mr. Satamanyu Nayak	Assistant Professor	Regular	ELE
36	Mr. Rabi Kumar Panad	Assistant Professor	Regular	ELE
37	Miss. Jainaseni Nayak	Assistant Professor	Regular	ELE
38	Mr. Avinash Meher	Assistant Professor	Regular	ELE
39	Mr. Sudeep Prasad	Assistant Professor	Regular	ELE
40	Miss. Sushree Sangita Das	Assistant Professor	Regular	ELE
41	Dr. Ajaya Kumar Swain	Professor	Regular	ELE
42	Mr. Prabhu Prasad Dash	Assistant Professor	Regular	ELE
43	Mr. Subhakanta Bal	Assistant Professor	Regular	ELE
44	Mr. Priti Barik	Assistant Professor	Regular	ELE
45	Dr. Srinibash Swain	Professor	Regular	ELE
46	Mr. Khirod Kumar Parija	Assistant Professor	Regular	Humanities and Science



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47	Mrs. Priyabadini Biswal	Assistant Professor	Regular	Humanities and Science
48	Mr. Aditya Kumar Nanda	Assistant Professor	Regular	Humanities and Science
49	Miss. Priyanka Priyadarshini	Assistant Professor	Regular	Humanities and Science
50	Mr. Aurobinda Acharya	Assistant Professor	Regular	Humanities and Science
51	Mr. Sukanta Patra	Assistant Professor	Regular	Humanities and Science
52	Mrs. Nupur Chatterjee	Assistant Professor	Regular	Humanities and Science
53	Miss. Sradha Njali Mishra	Assistant Professor	Regular	Humanities and Science
54	Miss. Swatipriya Pany	Assistant Professor	Regular	Humanities and Science
55	Miss. Arpita Rath	Assistant Professor	Regular	Humanities and Science
56	Mr. Rudra Prassana Nayak	Assistant Professor	Regular	Humanities and Science
57	Mrs. Ankita Porwal	Assistant Professor	Regular	Humanities and Science
58	Dr. Jogeswari Rout	Professor	Regular	Humanities and Science
59	Mr. Chitrasen Jagatdeo	Assistant Professor	Regular	Humanities and Science
60	Mr. S R Krishna	Assistant Professor	Regular	Humanities and Science
61	Mr. Sikha Behera	Assistant Professor	Regular	Humanities and Science
62	Mrs. Swagatika Priyadarshini	Assistant Professor	Regular	ME
63	Dr. Ramesh Nayak	Associate professor	Regular	ME
64	Mr. Sibanda Nayak	Assistant Professor	Regular	ME
65	Mr. Santanu Mohanty	Assistant Professor	Regular	ME
66	Mr. Sudhans Usekhar Singh	Assistant Professor	Regular	ME
67	Mr. Prabin Pratyus Sendha	Assistant Professor	Regular	ME
68	Dr. Anjan Sahu	Professor	Regular	ME
69	Mr. Naresh Patra	Assistant Professor	Regular	ME
70	Dr. Vishwa Mohan Behera	Assistant Professor	Regular	ME

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ii. Permanent Faculty	:	70
iii. Adjunct Faculty	:	NA
iv. Permanent Faculty: Student Ratio	:	1:21

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18.8 Profile of Vice Chancellor/Director/**Principal**/Faculty

Sl. No.	Particulars	Details
i	Name	Dr. Aswini Kumar Mohanty
ii	Date of Birth	11/11/1968
iii	Unique ID	996693244680
iv	Educational Qualifications	PhD
v	Work Experience	33 Years
vi	Teaching / Research / Industry / Others	27+6
vii	Area of Specialization	Medical Image Processing And Data Mining
viii	Courses Taught (Diploma / Post Diploma / UG / PG / PG Diploma)	UG & PG
ix	Research Guidance (No. of Students)	40
x	No. of Papers Published (National / International Journals / Conferences)	35
xi	Master (Completed / Ongoing)	Completed
xii	Ph.D. (Completed / Ongoing)	Completed
xiii	Projects Carried Out	DST
xiv	Patents (Filed & Granted)	15
xv	Technology Transfer	
xvi	Research Publications (National / International Journals / Conferences)	SCI/SCOPUS/UGC CARE/PEER REVIEW
xvii	Books Published (Name of book, Publisher with ISBN, Year of Publication, etc.)	

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18.9 Fee

i. No. of Fee waivers granted with amount and name of students

Sl. No.	Application No.	Rank	Name
1	230310844	652769	SATWIK SAHOO
2	230310083	711870	SMRUTIMEDHA MISHRA
3	230320068	841163	ANIMESH PATRA
4	230320247	876033	LIPUNI BASANTIA
5	230320252	918890	ADITYA PRADHAN
6	231231318	1201232	BIKASH CHANDRA BARIK
7	231231309	1203222	ABHIJIT CHHOTARAY
8	231231306	1203452	HIMANSHU BHUSAN PATRA

ii. Number of scholarship offered by the Institution, duration and amount

18.10 Admission

i. Number of seats sanctioned with the year of approval

Sl. No.	Name of The Course	Number of seats	Duration
1	Computer Science & Engineering	180	4 years
2	Civil Engineering	60	4 years
3	Mechanical Engineering	60	4 years
4	Electrical Engineering	60	4 years

ii. Number of Students admitted under various categories each year in the last three years

Sl. No	Branch	Academic Year 2022-23				Academic Year 2023-24				Academic Year 2024-25			
		SC	ST	OBC	General	SC	ST	OBC	General	SC	ST	OBC	General
1	CSE	20	01	69	38	13	01	42	62	23	01	00	112
2	CE	14	03	17	17	15	03	13	06	13	06	00	43
3	EE	14	01	26	23	08	00	33	21	16	02	00	48
4	ME	21	00	21	18	19	02	27	29	17	00	00	58

iii. Number of applications received during last year for admission under Management Quota and number admitted NA

18.11 Admission Procedure

i. Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)

- 1) JEE Main : <https://jeemain.nta.nic.in>
 2) OJEE : <https://ojee.nic.in>

ii. Number of seats allotted to different Test Qualified candidate separately (AIEEE//JEE/ CET (State conducted test/ University tests/ CMAT)/ Association conducted test etc.)

iii. Calendar for admission against Management quota seats: NA

iv. Last date of request for applications : As Per OJEE



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- v. Last date of submission of applications : **As Per OJEE**
- vi. Dates for announcing final results : **As Per OJEE**
- vii. Release of admission list : **As Per OJEE**
- viii. Date for acceptance by the candidate : **As Per OJEE**
- ix. Last date for closing of admission & Starting of the Academic session **1st Week of August of every calendar year.**
- x. The waiting list shall be activated only on the expiry of date of main list **As Per OJEE**
- xi. The policy of refund of the Fee, in case of withdrawal, shall be clearly notified **As Per OJEE**

18.12 Criteria and Weightages for Admission

i. Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

To be eligible for B.Tech admission through the OJEE criteria, you must have passed Class 12 with Physics, Mathematics, and Chemistry/Biology, and secured a minimum of 45% marks (40% for reserved categories) in the qualifying exam. Admission can be based on your JEE Main score or a special OJEE exam if seats remain vacant. The OJEE process also includes counselling for final seat allotment based on your rank.

ii. Mention the minimum Level of acceptance, if any
Allotted through OJEE.

iii. Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years

Allotted through OJEE.

iv. Display marks scored in Test etc. and in aggregate for all candidates who were admitted

18.13 List of Applicants

List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)

18.14 Results of Admission Under Management seats/Vacant seats

- i. Composition of selection team for admission under Management Quota NA
- ii. List of candidate who have been offered admission NA
- iii. Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate NA

18.15 Information of Infrastructure and Other Resources Available

- i. Number of Class Rooms and size of each : **20, 69.3 Sq Mtr. Each**
- ii. Number of Tutorial rooms and size of each : **4, 45 Sq Mtr. Each.**
- iii. Number of Laboratories and size of each : **50, 66 Sq Mtr. Each.**



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- iv. Number of Computer Centers with capacity of each : **01 with 165 Sq Mtr.**
v. Central Examination Facility, Number of rooms and capacity of each : **15, 69.3 Sq Mtr.**
Each
vi. Online examination facility (Number of Nodes, Internet band width, etc.): **200 PC, 200 Mbps**
vii. Barrier Free Built Environment for disabled and elderly persons : **YES**
viii. Fire and Safety Certificate : **YES**
ix. Hostel Facilities : **YES**
x. Number of Library Books/eBooks/Titles/Journals available (Programme-wise) **Titles: 4164, Volumes: 16267, Journals- 28**
xi. List of online National/International Journals subscribed : **11**
xii. National Digital Library (NDL) subscription details : **Available**
xiii. List of Major Equipment/Facilities in each Laboratory/Workshop
xiv. List of Experimental Setup in each Laboratory/Workshop

Sl. No.	Department	Name Of The Laboratory	Major Equipment
1	EE	BASIC ELECTRICAL ENGINEERING LAB	DC MOTOR, DC GENERATOR, ENERGY METER
2		NETWORK DEVICE LAB	NETWORK THEOREM, KITS, LOW/HIGH/BAND PASS, FILTER, SPECTRUM ANALYZER, ABCD, PARAMETER KITS
3		MACHINES LAB-I & II	3 HP DC M/C, 3-PH SQ CAGE IM. SR, IM, 3KVA ALTERNATOR, 5Kva TRANSFORMER
4		CONTROL & INSTRUMENTATION LAB	PLC, AC SERVO MOTOR, STRAIN MEASUREMENT TRAINER, LCR Q BRIDGE METER, LOAD CELL TRAINER
5		POWER ELECTRONICS LAB	1-PH CYCLOCONVERTER, AC/DC BRIDGE CONVERTER, SERIES INVERTER KIT, 3-PH HALF/FULL WAVE CONTROLLED BRIDGE
6		MACHINE DESIGN & SIMULATION LAB	COMPUTER -30 NOS WITH MATLAB SOFTWARE
7		ELECTRICAL & ELECTRONICS MEASUREMENT LAB	KELVIN DOUBLE BRIDGE, SCHERING BRIDGE HYSTERESIS MEASUREMENT KIT
8		POWER SYSTEM LAB	OIL TESTING KIT, IDMT RELAY, STORAGE OSCILLOSCOPE
9		ELECTRIC DRIVES LAB	3PH TO AC CONTROLLER, DC MOTOR, MECHANICAL LOADING ARRANGEMENT, FOUR QUADRANT, CHOPPER

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SYNERGY INSTITUTE OF TECHNOLOGY
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10	ME	CAD LAB	PCS, HP JET LASER PRINTER, ZW CAD SOFTWARE
11		CAM LAB	CNC MACHINE(XL-MILL), CNC MACHINE(XL-TURN), ARISTO ROBOT
12		REFRIGERATION AND AIR CONDITIONING LAB	REFRIGERATION TEST RIG, AC TEST RIG, PERFORMANCE OF AIR CONDITIONING TEST RIG, HEAT PUMP
13		MACHINE DYNAMICS LAB	VIBRATION LAB TEST RIG, JOURNAL BEARING TEST, UNIVERSAL GOVERNOR TEST RIG, GYROSCOPE TEST RIG
14		IC ENGINE LAB	2 AND 4 STROKE PETROL ENGINE, 4 STROKE DIESEL ENGINE, 5HP DIESEL ENGINE WITH AC GENERATOR, TRIPLE MULTICYLINDER 4 STROKE PETROL ENGINE, GAS ANALYSER
15		HEAT TRANSFER LAB	FORCED CONVECTION HEAT TRANSFER APPARATUS, STEFAN-BILTZMAN APPATUS, HEAT TRANSFER THROUGH COMPOSITE WALL
16		MATERIAL TESTING LAB	UNIVERSAL TESTING MACHINE, TORSION TESTING MACHINE, FATIGUE MACHINE, CUPPING TESTING MACHINE
17		FM AND HM	NOTCH APPARATUS, GEAR PUMP, HYDRAULIC RAM, BERNOULLI'S APPARATUS
18		PRODUCTION LAB	MIG WELDING MACHINE, PERMIABILITY METER, UNIVERSAL STRENGTH M/C, SAND MULLER
19		MECHANICAL MEASUREMENT LAB.	LVDT, RATAMETER, PNEUMATIC TRAINER, HYDRALIC TRAINER, THERMOCOUPLE, LOAD CELL
20		WORKSHOP	LATHE, SAPER, MILLING PLANNER M/C, WELDING M/C, GRINDER, DRILLING, M/C
21		TRIBOLOGY RESEARCH LABORATORY	PIN AND DISC WEAR TESTER, TWO BODY WEAR TESTER, VICKER-HARDNESS TESTING M/C
22	ETC	MICROPROCESSOR AND MICROCONTROLLE R	8085 MP TRAINER, 8255 MP TRAINER, DUAL DAC MODULE, MICRO-51

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23		EMBEDED SYSTEM LAB	CPU-25 NOS, IAR EMBEDDED WORKBENCH FOR ARM STD, ADVANCED UNIVERSAL EMBEDDED TRAINER
24		COMMUNICATION ENGG	ANTENA TRAINER SYSTEM, ADVANCED FIBRE OPTIC TRAINER
25		MICROWAVE ENGG	MICROWAVE TEST BENCH WITH VOICE COMMUNICATION, X-BAND, HFSS SOFTWARE
26		DIGITAL ELECTONICS	DIGITAL LOGIC IC TRAINER, HALF ADDER AND FULL ADDER, 8 CHANNEL ADC MODULE KIT, MONOSTABLE MULTIVIBRATOR
27		VLSI LAB	PC-30NOS, XILINX ISE SYSTEM EDITION MMENTOR GRAPHICS (SOFTWARE)
28		DSP	DSP DESIGN TRAINER KIT, SPARTAN 3E TRAINER KIT
29		ACT/DCT	DSB/SSB AM TRANSMISSION TRAINER KIT, AMPLITUDE MODULATOR AND DEMODULATOR, CARRIER MODULATION TRAINER KIT, 8 CHANNEL ADC MODULE
30		AEC	CRO, DIGITAL OSCILLOSCOPE, UNIVERSAL TRAINER KIT
31	CE	CONCRETE AND MATARIAL TESTING	RAJCO SLUMP TEST APPARATUS, SIEVE SHAKER, COMPASION FACTOR APPARATUS, CEMENT TENSILE STRENGTH M/C, IE-CHATELIER MOULD, IE-CHATELIER FLASK
32		GEOTECHNICAL LAB	SOL HYDROMETER, LIQUID LIMIT DEVICE, SAND PORING CYLINDER APPATUS, PYCNLMETER, COMPACTION TEST APPARATUS, UNCOMFINED COMPRESSION TEST APPARATUS
33		ENVIRONMENTAL ENGG LAB	BOD INCUBATOR SHAKER, JAR TEST APPARATUS, COD APPARATUS, VORTEX MIXTURE MAGNETIC STIRRER, HOT AIR OVEN MONO QUARTZ DISTILLATION UNIT
34		TRANSPORTATION LAB	AGGREGATE CRUSHING APPARATUS, LAS ANGLS ABRASION TESTING M/C,

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			AGGREGATE IMPACT TESTER, DUCTILITY TESTING M/C
35		SURVEY LAB	LAND MEASURING METRIC CHAIN, SURVEY COMPASS, DUMPY LEVEL, SOKKIA AUTOMATIC LEVEL, VERNEIR TANSIT THEODOLITE, TOTAL STATION
36	CSE	BASIC COMPUTING LAB	PCS, PROJECTOR WITH UBUNTU, GCC, JDK, 1.8 SCILAB
37		SYSTEM PROGRAMMING LAB	PCS, MS WINDOWS, FORTRAN, PASCAL TURBO C++ SOFTWARE
38		GRAPHICS LAB	MS WINDOWS, TURBO C++
39		DATABASE LAB	MS WINDOWS, ORACLE 9 I
40		PROJECT LAB	MS WINDOWS, RATIONAL ROSE, JAVA
41		SOFTWARE TECHNOLOGY LAB (RESEARCH LAB)	MS WINDOWS, VISUAL STUDIO, NET UBUNTU
42		NETWORKING LAB	MATLAB, REDHAT LINUX 7.1
43		ON LINE LAB	TURBO C++, JAVA
44		INTERNET LAB	MS WINDOW
45	PHYSICS	PHYSICS LAB	BAR PENDULUM, TRAVELLING MICROSCOPE, STEAM GENERATOR, SLIDE, CALLIPERS, NEWTON' RING, POISSON'S RATIO, APPARATUS, SPECTROMETER, GALVANO METER, CRO, RC CIRCUIT
46	CHEMISTRY	CHEMISTRY LAB	MUFFLE FURNACE, FLASH POINT APPARATUS, DIGITAL PH METER, SPECTROMETER, DISTILLATION APPARATUS, PHYSICAL AND CHEMICAL BALANCE
47	ENGLISH	ENGLISH LANGUAGE LAB	PCS, LCD PROJECTOR, FREQUENCY RECEIVER, GLOBALINA, ENGLISH LAB SOFTWARE

xv. Innovation Cell NA

xvi. Social Media Cell

Sl. No.	Platform	URL
1	Facebook	https://www.facebook.com/sitbhubaneswar
2	Instagram	https://www.instagram.com/synergybhubaneswar

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Website: synergyinstitute.ac.in

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xvii. Compliance of the Academic Bank of Credit (ABC), applicable to PGCM/ PGDM Institutions and University Departments NA

xviii. To upload the respective short video (1-2 min) of Infrastructure and facilities available w.r.t the courses in the website

xix. Games and Sports Facilities	:	Available
xx. Teaching Learning Process	:	Available
xxi. For each Post Graduate Courses give the following	:	NA
xxii. Title of the Course	:	NA
xxiii. Laboratory facilities exclusive to the Post Graduate Course	:	NA

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18.16 Enrolment and placement details of students in the last 3years

Sl. No	Degree	Branch	2022-23		2023-24		2024-25	
			Total Students Passed	Total Students Placed	Total Students Passed	Total Students Placed	Total Students Passed	Total Students Placed
1	B.TECH	CE	56	08	67	21	28	12
2		ME	39	10	56	17	31	15
3		EE	30	02	55	15	09	07
4		CSE	22	07	33	23	22	17

18.17 List of Research Projects/Consultancy Works NA

18.18 MoUs with Industries

Sl. No.	Branch	Name of the Industries	Status
1	CE	Ultratech	Active
2	CSE	CiberDojo	Active
3	EE	Technocrat Enterprises	Active
4	ME	Utkal Robotics	Active

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