



DTE Code : **EN6315**



॥ विद्यायां विद्या संजीवनी ॥

NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165

HOLY-WOOD ACADEMY'S
SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

○ Approved By AICTE, New Delhi ○ Recognized by Govt. of Maharashtra & DTE
○ Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Annual Report 2023-24

By IQAC





DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

○ Approved By AICTE, New Delhi ○ Recognized by Govt. of Maharashtra & DTE
○ Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

1. ACADEMIC INFORMATION

Program code	Course code	Course Name	Year of introduction	Sanctioned intake
UG				
EN6315	631519110	Civil Engineering	2009	60
	631524210	Computer Science & Engineering	2009	120
	631529310	Electrical Engineering	2010	60
	631561210	Mechanical Engineering	2009	60
	631584410	Electronics & Computer Engineering	2023	00

2. Students: A.Y. 2023-24 Number of student's Branch wise: Total Strength: 977

Branch	First Year	Second year	Third Year	Final Year
Civil Engineering	6	54	35	57
Computer Science Engineering	108	148	75	74
Electrical Engineering	19	72	64	59
Mechanical Engineering	4	69	54	63
Electronics and Computer Engineering	16	---	---	---

3. Teachers

Number of teaching staff/full time teachers: 52

Designation	Total
Professor	03
Associate Professor	01
Assist. Professor	47
T.P.O.	01

Branch	Number of Teachers
Mechanical Engineering	14
Computer Science Engineering	08
Civil Engineering	08
Electrical Engineering	05
Electronics & Telecommunication Engineering	05
Automobile Engineering	03
General	09
Total	52



4. Number of students enrolled in Certificate/Value added courses: **967**

Name of Add on/Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in The year
Student Induction Program (BSH)	NA	2023-24	4th to 8th Sept 2023	One Week	153	153
SWAYAM(Python Programming)SY	NA	2023-24	Jan-Apr2024	12 weeks	137	100
NPTEL(TY)	NA	2023-24	Jan-Apr2024	12 weeks	53	13
NPTEL (Final Yr.)	NA	2023-24	Jan-Apr2024	12 weeks	53	36
Fundamental of C-Programming	NA	2023-24	07/08/2023 To 11/08/2023	One Week	90	90
Life-Skill Program	NA	2023-24	07/08/2023 To 11/08/2023	One Week	74	74
Aptitude Training Program	NA	2023-24	07/08/2023 To 11/08/2023	One Week	74	74
SoftSkill Training Program	NA	2023-24	05/02/2024 To 09/02/2024	One Week	142	142
Aptitude Training(TY)	NA	2023-24	05/02/2024 To 09/02/2024	One Week	74	74
NPTEL(Final Year)	BTEEP E801	2023-24	Jan to April 2024	12 Week	51	35
PLC and SCADA(TY)	NA	2023-24	18-03 -2024 -22-03-2024	5 DAYS 30 HRS	45	30
PLC and SCADA(SY)	NA	2023-24	18-03 -2024 -22-03-2024	5 DAYS 30 HRS	65	60
TATA Technology Ready Engineer	NA	2023-24	Sept.2023 to Feb. 2024	Throughout the Semester	27	27
Alternative Fuels	NA	2023-24	March 2024 to May 2024	Throughout the Semester	63	55
I.C. Engines and Gas Turbines	NPTEL	2023-24	Jan to April 2024	Throughout the Semester	6	4

5. Percentage of students undertaking project work/fieldwork/internships:
87.62 %

Number of students undertaking project work/field work/ internships: **856**

Sr. No.	Branch	Project Phase-I & II	Industrial Training	Internship
1	Mechanical Engineering	63	--	123
2	Computer Science Engineering	74	--	223
3	Civil Engineering	57	34	49
4	Electrical Engineering	45	--	185

6. Enrolment percentage :42.50%

Number of seats filled (first year admissions):**153**

Number of sanctioned seats: **360**

Programme name	Programme Code	Number of Students admitted	Number of seats sanctioned
Civil Engineering	631519110	60	6
Computer Sci & Engineering	631524210	120	108
Electrical Engineering	631529310	60	19
Mechanical Engineering	631561210	60	4
Electronics & Comp. Engineering	631584410	60	16
Total Admitted Students		360	153

7. Percentage of seats filled against reserved categories(SC, ST, OBC etc.) first year admission: 20.83 %

Number of actual students admitted from there served categories: **30**

Programme name	Programme Code	SC	ST	OBC	Others
Civil Engineering	631519110	1	0	1	03
Computer Sci & Engineering	631524210	15	0	9	69
Electrical Engineering	631529310	2	0	2	12
Mechanical Engineering	631561210	0	0	0	02
Electronics & Comp. Engineering	631584410	0	0	0	09
Number of actual students admitted from the Reserved categories		30			

8. Number of seats earmarked for reserved category as per GOI/State Govt. rule: 180

Programme name	Programme Code	SC	ST	OBC	Others
Civil Engineering	631519110	9	4	11	6
Computer Sci & Engineering	631524210	18	8	22	12
Electrical Engineering	631529310	9	4	11	6
Mechanical Engineering	631561210	9	4	11	6
Electronics & Comp. Engineering	631584410	9	4	11	6
Number of seats earmarked for reserved category as Per GOI/State Govt. rule		180			

9. Student Teacher Ratio

Student-Full time Teacher Ratio: 18.78%

Number of Students	977
Number of Teacher	52

10. Percentage of full time teachers with NET/SET/SLET/Ph.D./D.Sc./

D.Litt./L.L.D.: 28.85 %

Number of full time teachers with NET/SET/SLET/Ph.D./D.Sc./D.Litt./L.L.D.: 15

Sr. No.	Name of full time teacher with Ph.D./D.M/M.Ch./D.N.B Super specialty/D.Sc./D'Lit.	Qualification (Ph.D./D.M/M.Ch./D.N.B Super specialty/ D.Sc./D'Lit.) and Year of obtaining
1	Dr. Jain Sanjeev Natvar	Ph.D
2	Dr. Sapate Suhas Gajanan	Ph.D
3	Shri. Jadhav Sachin Parshuram	Ph.D
4	Dr. Katkar Ajit Ashok	Ph.D
5	Dr. Koli Gajanan Chandrashekhar	Ph.D
6	Shri. Vanmore Vinod Vasantao	Ph.D
7	Shri. Dongarsane Chettan Rajan	Ph.D
8	Shri. Vanmore Swapnil Vasantao	Ph.D
9	Dr. Ingavale Ranjit Anantao	Ph.D
10	Dr. Deokar Vinayak Hindurao	Ph.D
11	Shri. Urunkar Rahul Uday	Ph.D
12	Shri. Maske Ajay Krishna	Ph.D
13	Dr. Bhosale Dinkar Shivajirao	Ph.D
14	Smt. Chavan Manjusha Nandkumar	Ph.D
15	Dr. Puranik Vivek Vinayak	Ph.D





DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

11. Passing Percentage of final year students:51.40 %

Number of final year students who passed the university examination: **128**

Number of final year students who appeared for the university examination: **240**

Sr. No.	Program Name	Program Code	Number of students passed in final year examination	Number of final year students who appeared for the university examination	%
1	Civil Engineering	11191	33	51	64.71
2	Electrical Engineering	11293	55	57	96.49
3	Computer Science and Engineering	11242	58	73	79.45
4	Mechanical Engineering	11612	37	62	59.68
Number of final year students			183	243	75.31



DTE Code : **EN6315**

NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165**SANJEEVAN**

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500○ Approved By AICTE, New Delhi ○ Recognized by Govt. of Maharashtra & DTE
○ Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad**12. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights(IPR) and entrepreneurship:16**

Sr. No.	Name of the workshop/seminar/conference	Number of Participants
1	Workshop Concrete mix Design	21
2	Workshop on Laws Awareness	180
3	3-Days Workshop on AutoCAD Software	44
4	Workshop on SAP Modules in Materials Management and Production Planning	51
5	Seminar on patent filing	31
6	Seminar on IPR for startups	30
7	Workshop on "Intellectual Property Rights : An Introduction" Conducted by Electrical Dept	50
8	One day workshop on " Patent Filing Procedures", Conducted by Electrical Dept	51
9	One day workshop on " IPR for Startups", Conducted by Electrical Dept	50
10	One day workshop on " Trademark Basics", Conducted by Electrical Dept	40
11	One day workshop on " Legal Aspects of Copyrights & Trade marks", Conducted by Electrical Dept	34
12	Seminar on Research Methodology- Research Article Writing	74
13	Seminar on Research Methodology- Research Process	74
14	Intellectual property Rights and Patent Filing	73
15	Research and Publication Ethics	74
16	Research and Publication Ethics	74



DTE Code : **EN6315**

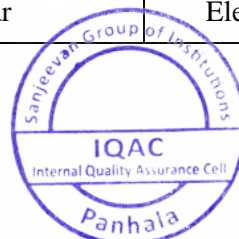
NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165**SANJEEVAN**

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad**13. Research Publications and Awards:**Number of research papers published: **21**

Sr. No.	Title of paper	Name of the author/s	Department of the teacher
1	Study Of Dolichos Lab-Lab L (Indian Bean) As A Natural Coagulant For The Treatment of River Water	Prof. Tonne Akshata R.	Civil Engineering
2	Dynamic Evaluation of A Circular & Rectangular Water Tanks With Non-Linear Time History Data	Prof. Bore Rutuja S.	Civil Engineering
3	Study Of TrigonellaFoenumGraecum (Fenugreek Seeds) As A Natural Coagulant For The Treatment of River Water	Prof. Tonne Akshata R.	Civil Engineering
4	Artificial Intelligence Techniques for Landslides Prediction using Satellite Imagery	Dr. Suhas G. Sapate	CSE
5	Prediction of electrocoagulation treatment of tannery wastewater using multiple linear regression based ANN: Comparative study on plane and punched electrodes	Dr. Suhas G. Sapate	CSE
6	Political Flower Pollination Optimizer for age-related macular degeneration detection enabled Deep Maxout network using OCT images	Mr. Rahul.S.Nejkar	CSE
7	Recent Trends and Advances in Machine Learning Techniques For Classification of Text From Health Domain	Dr. Suhas G. Sapate	CSE
8	Recent Trends and Advances in Deep Learning Techniques for Classification of Landslides using Satellite Images	Dr. Suhas G. Sapate	CSE
9	A Comprehensive Survey of Machine Learning Techniques for Ear Recognition System	Dr. Suhas G. Sapate	CSE
10	Solar Based Automatic Grass Cutter	Prof. N.S. Jadhav	Electrical
11	DESIGN & DEVELOPMENT OF PV MODULAR	Prof. Y. R. Naik	Electrical
12	3 PHASE INDUCTION WITH SOFT START	Prof. V. M. Ghewari	Electrical
13	SOLAR WIND HYBRID ELECTRIC VEHICLE	Prof. A. M. Bhandare	Electrical
14	TO MODIFIED AND DESIGN SOLAR POWERED BASED ENERGY EFFICIENT	Prof. V. T. Metkari	Electrical
15	SOLAR BASED GPS TRACKING HANDICAPPED TRICYCLE	Prof. N.S. Jadhav	Electrical
16	SMART SOLAR AUTOMATION	Prof. Y. R. Naik	Electrical
17	AUTOMATIC POWER FACTOR CONTROLLER	Prof. B. S. Hebbale	Electrical
18	DESIGN AND DEVELOPMENT OF SIGN LANGUAGE TO SPEECH	Prof. P.D. Pange	Electrical
19	SOLAR POWER CHARGE CONTROLLER USING ARDUINO	Prof. B. S. Hebbale	Electrical
20	Vertical Injection Plastic Moulding Machine	Prof. A. M. Bhandare	Electrical
21	Performance analysis of sodium alanate hydride reactor with different nano fluids	Rahul U. Urunkar	Electrical



14. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings: 03

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper
1	Dr. Suhas S. Sapate	2023 IEEE International Conference on Blockchain and Distributed Systems and Security	Detecting Violations of Conditional Functional Dependencies in Distributed database
2	Mr. Rahul S.Nejkar	Fourth Congress on Intelligent Systems. CIS 2023	Insights into Age-Related Macular Degeneration Detection: A Comprehensive Review of OCT Image Analysis
3	Prof. D. V. Patil	Thin Film Nano materials Synthesis, Properties and Innovative Energy Applications	Thin Film Metal Oxide Nano composite: Synthesis to innovative applications via chemical route

15. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., : 06

Sr. No.	Name of the activity	Organizing unit/ agency/ collaborating agency
1	Fort Conservation Programme	Archaeological Survey of India
2	World Heritage Day	Archaeological Survey of India
3	Tree Plantation	Government of Maharashtra
4	Meri Mati Mera Desh	DBATU
5	Blood Donation Camp	Sanjeevan Group of Institutions
6	Voting Awareness Programme	Election Commission



16. Number of functional MoUs/linkages with institutions/industries: :10

Sr. No.	Name of the MoU/linkage	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
1	Satyajeet Mechanisms	Faculty Visit, Internship Completed By 2 Students	2 2
2	Technomac Industries	Industrial Visits for students Faculty Visit	31 2
3	CAD MANTRAA	3-Days Workshop on AutoCad Software	44
4	PrudentiaTechnology Solution India Pvt. Ltd	Workshop on SAP Modules in Materials Management and Production Planning	51
5	Tata Technologies Ltd	TTL Ready Engineer Activity	15
6	FUEL	Java Training Program	47
7	GTT Foundation, Pune	03. 1. Aptitude Skills Development Program, 2. Life Skills Program	250
8	Rubicon Skills Pvt. Ltd.	03 Life Skills Program	300
9	Wisdom Foundation	Campus Placements for various Organization	60
10	Symbiosis International (Deemed) University	Bajaj Engineering Skills Training Program (BEST)	60





DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

17. Student-Computer ratio:-2.04

Number of computers available for students: **470**

18. Percentage of students benefited by scholarships and freeships :**84.95 %**(830/977)

Name of the scheme	Government/Non-government	Name of the individual/organization	Number of students benefited
SC Scholarship	Government	Maharashtra Government DBT	98
ST Scholarship	Government	Maharashtra Government DBT	01
VJNT Scholarship	Government	Maharashtra Government DBT	66
SBC Scholarship	Government	Maharashtra Government DBT	09
OBC Scholarship	Government	Maharashtra Government DBT	87
Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Yojna	Government	Maharashtra Government DBT	569





DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

19. Percentage of students benefitted by guidance for competitive examinations:96.00%

Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution: **938**

Sr. No.	Name of Activity	Number of students Participated
1	How to Prepare for PWD 2023	35
2	Competitive Exams Cracking Skills by Mukesh Sharma , Form Pune -8446012675 (21-02-2024)	82
3	Women Opportunities in government Sector	60
4	Introduction on National Career Service	148
5	Career Opportunities in IT	90
6	Carrier Opportunities after Electrical Engineering	135
7	Guest lecture on Carrier Guidance	122
8	Guest lecture on Overseas Education Consultants	94
9	Career Guidance Program branches, Dr. Ajay Krishna Maske, Dr, Suhas Sapate, & Dr, S.N. Jain (14-08-2024)	86
10	Career Opportunities and Professional Growth , Dr. Ajay Krishna Maske, (03/04/2024)	86
Number of students benefitted by guidance for competitive examinations and career counseling		938





DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

○ Approved By AICTE, New Delhi ○ Recognized by Govt. of Maharashtra & DTE
○ Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

20. Percentage of placement: 67.91%

Number of outgoing students placed: **163**

Number of outgoing students: **240**

Sr. No.	Program Name	Number of outgoing students placed	Average Pay package (In INR per annum)
1	Civil Engineering	24	2.05
2	Computer Science Engineering	42	2.19
3	Electrical Engineering	32	2.30
4	Mechanical Engineering	65	2.28
Number of outgoing students placed		163	2.23



21. Student Participation and Activities(Sports & Cultural):

Number of awards/medals for outstanding performance in sports/cultural activities: **25**

Sr. No.	Name of the award/ medal	Team / Individual	University/State/National/ International	Sports/ Cultural	Name of the student
1	Participant	Team	University	Volleyball	Sudesh Ramchandra Bahadure
2	Participant	Team	University	Volleyball	Shivam Sujit Khopakar
3	Participant	Team	University	Volleyball	Pruthviraj Pratap gaikwad
4	6th place	Individual	West-zone (National)	Swimming	Nikhil Nilesh Misal
5	Participant	Individual	National	Swimming	Nikhil Nilesh Misal
6	Participant	Team	University	kabbadi	Amruta Ashok Patil
7	Participant	Team	University	Football	Sushant Snajay Patil
8	Participant	Team	University	Football	Shivam Sujit Khopakar
9	Winner	Individual	Inter-zonal (state)	Swimming	Nikhil Nilesh Misal
10	Participant	Individual	Inter-zonal (state)	Swimming	Vishal Jyotiram Kumbhar
11	Participant	Individual	Inter-zonal (state)	Swimming	Pruthviraj Pratap gaikwad
12	Participant	Individual	Inter-zonal (state)	Swimming	Shivam Sujit Khopkar
13	Participant	Individual	Inter-zonal (state)	Swimming	Arjun Shivaji Patil
14	Participant	Individual	Inter-zonal (state)	Wrestling	Ganesh Snatosh Lohar
15	Winner	Team	Inter-zonal (state)	Volleyball	Pruthviraj Pratap gaikwad
16	Winner	Team	Inter-zonal (state)	Volleyball	Shivam Sujit Khopkar
17	Winner	Team	Inter-zonal (state)	Volleyball	Sudesh Ramchandra Bahadure
18	Participant	Team	Inter-zonal (state)	Basketball	Sarang Mahesh Jadhav
19	Participant	Team	Inter-zonal (state)	Basketball	Harsh Bharat Pol
20	Winner	Team	Inter-zonal (state)	Football	Shivam Sujit Khopkar
21	Winner	Team	Inter-zonal (state)	Football	Sushant Snajay Patil
22	Runner-up	Team	Inter-zonal (state)	Kabbadi	Vijaykumar Srikant Nangare
23	Runner-up	Team	Inter-zonal (state)	Kabbadi	Vishal Jyotiram Kumbhar
24	Winner	Team	Inter-zonal (state)	Kabbadi	Amruta Ashok Patil
25	Winner	Team	Inter-zonal (state)	Kabbadi	Vaishnvi Sanjay Patil

DTE Code : **EN6315**

NAAC Accredited

AICTE ID : 1-8019451
AISHE Code : C-11165**SANJEEVAN**

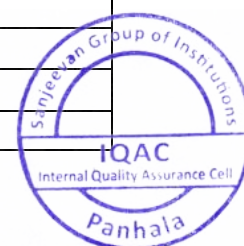
ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

22. Number of sports and cultural programs in which students of the Institution

Participate: **28**

Date of event/activity(DD-MM-YYYY)	Name of the event/activity	Name of the student participated
03/07/2023	SINGING	11
03/07/2023	DANCING	75
03/07/2023	Fashion Show	36
28/03/2024	Project Presentation Competition	39
05/03/2024	Kabaddi(BOYS)	101
	Kabaddi(GIRLS)	
06/03/2024	Football(BOYS)	74
04/03/2024	Vollyball(BOYS)	81
	Vollyball(GIRLS)	
04/03/2024	Basketball(BOYS)	39
01/03/2024 - 06/03/2024	Cricket(BOYS)	37
	Box Cricket(GIRLS)	
INDIVIDUAL GAMES		
01/03/2024	Shotput throw(BOYS)	30
	Shotput Throw(GIRLS)	
01/03/2024 - 06/03/2024	Chess(BOYS)	37
	Chess(GIRLS)	
01/03/2024 - 06/03/2024	Carrom(BOYS)	42
	Carrom(GIRLS)	
Zonal		
2023-24	Volleyball(Men)	12
	Volleyball(women)	09
	Basketball (Men)	08
	Kho-Kho (men)	12
	Chess (men)	04
	Kabbadi (Men)	12
	Kabbadi (Women)	12
	Cricket(men)	3
	Athletics (Men & Women)	3
	Badminton(Men)	5



23. Percentage of teaching staff participating in Faculty development Programmes organized by the institution:
51.92 %

Total number of teaching staff participating in Faculty development Programmes (FDP): 28

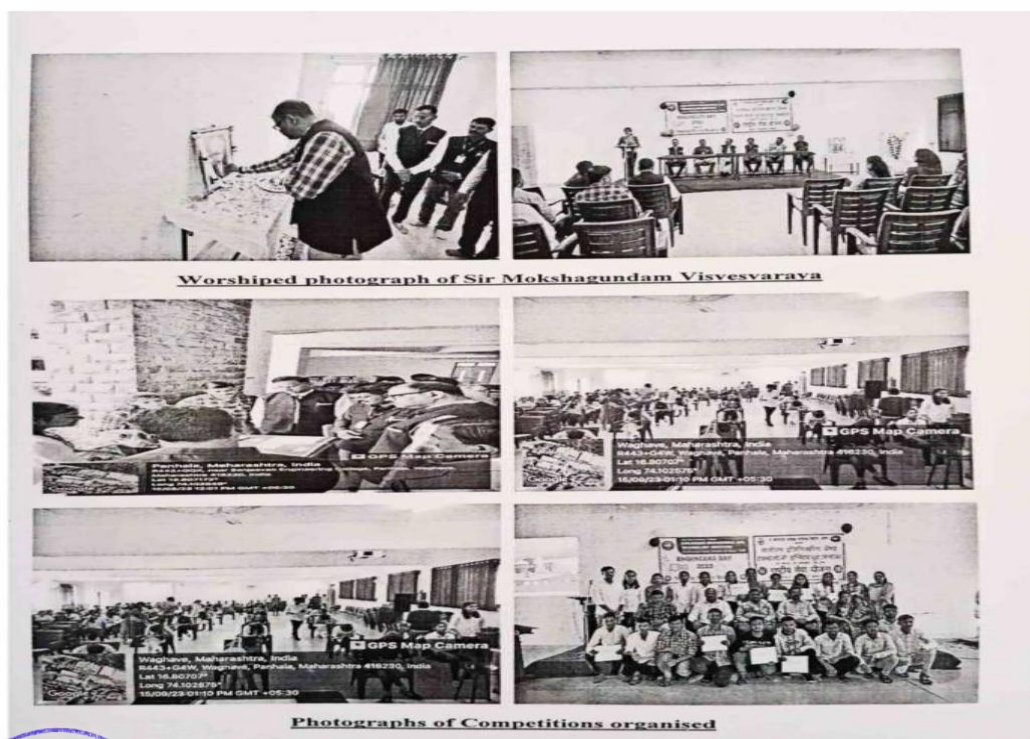
Sr. No.	Name of the Participant	Title of the FDP Program
1	Dr. Sanjeev N. Jain	NEP 2020 Orientation and Sensitization Programme
2	Dr. A. A. Katkar	Emerging Trends in Mechanical Engineering
3	Dr. A. A. Katkar	NAAC Assessment & Accreditation: Procedures & Processes
4	Dr. G. C. Koli	Hydrogen and Fuel Cell Technologies for Electric Vehicles
5	Dr. V. H. Deokar	Non-conventional Energy Resources
6	Dr. V. V. Vanmore	NEP 2020 Orientation and Sensitization Programme
7	Dr.M.N.Chavan	Implimenting of NEP 2020 in Affiliated Higher Education
8	Dr.M.N.Chavan	Writing an effective research article:Tips and Tricks
9	Dr.S.G.Sapate	Research methodology using ChatGpt and AI tools
10	Mr Naik Yogesh R	Energy Litercy Training
11	Mr Naik Yogesh R	PLC & Scada
12	Mr. N.A.Magdum	Faculty Induction Program(Residential Course)
13	Mr. N.A.Magdum	Writing an effective research article: Tips and Tricks
14	Mr. S. S. Chavan	Flood Modelling
15	Mr. Thoke Amit Chandraprakash	Advancemet in geotechnical engineering
16	Mr.Arvind Madhukar Bhandare	Cloud Infrastructure (AWS)
17	Mr.Arvind Madhukar Bhandare	Renewable Energy Sources for Sustainable Devolpment
18	Mr.Basawraj S.Hebbale	Future Trends In Advanced Electrical Engg
19	Mr.Basawraj S.Hebbale	Outcome Based Education and NBA Process
20	Mr.Nilesh Sharad Jadhav	Battery Management System for Electrical Vehicle
21	Mr.Nilesh Sharad Jadhav	Capacity Enhancement and NEP in Current Scenario”
22	Mr.S.A.Babar	Artificial Intelligence and Machine Learning
23	Mr.S.A.Babar	Emerging Treands in Artificial Intelligence and Machine Learning
24	Mr.Vinayak M.Ghewari	Outcome Based Education and NBA Process
25	Mr.Vinayak M.Ghewari	Rsearch Paper Writing & I.P. Rights
26	Mr.Vishal Tukaram Metkari	Advanced Physics In Engineering
27	Mr.Vishal Tukaram Metkari	PLC & Scada
28	Mrs. A. M. Momin	Research and Innovation in Civil Engineering
29	Mrs. R. S. Bore	Structural Audit in Construction Field
30	Ms. A. R. Tonne	Structural Audit in Construction Field
31	Ms. P.D.Patil	Data Analytics and Power BI
32	Ms. P.D.Patil	Artificial Intelligence and Machine Learning
33	Prof. A. N. Naik	Experimental Robotics
34	Prof. A. N. Naik	IoT and Sensor design for Industry 5.0
35	Prof. D. V. Patil	Hydrogen and Fuel Cell Technologies for Electric Vehicles
36	Prof. P. S. Atigre	Inculcating Universal Human Values in Technical Education
37	Prof. P. S. Atigre	UHV-II
38	Prof. R. U. Urunkar	Adsorption for CO2 Capture, Green Refrigeration & Energy Storage
39	Prof. R. U. Urunkar	Employing Industrial Quality Management Systems for Quality Assurance in Outcome-Based Education (OBE)-2024
40	Prof. S. B. Deshmukh	Design of Experiment & Optimization
41	Prof. S. B. Deshmukh	IC Engines and Gas Turbines
42	Prof. V. D. Thorat	Outcome Based Education and Application of Generative AI in Teaching and Research
43	Prof. V. D. Thorat	Recent Trends in Mechanical Engineering

BEST PRACTICE – 1

1. Title of the Practice: Job Oriented Skill Development Programmes
2. Objectives of the Practice: The main objectives of skill development programs are to prepare our students' attitude and aptitude for solving engineering problem with the required skills and knowledge towards recruiting them in reputed companies.

BEST PRACTICE – 2

1. Title of the Practice: Community outreach programs for Holistic Development of students
2. Objectives of the Practice: The main objectives are as follows.
 - To educate students to be responsible citizens and to make them learn human values to adopt them in their personal and social life.
 - To make the students learn the values like truth, humility, honesty, perseverance, cooperation, compassion, love, etc.
 - To enable the students to understand, appreciate, uphold, protect, and promote the sovereignty, unity, and integrity of India.
 - To develop all round personality of all the students in the institute.



24. Green Audit: Conducted Successfully and Certificate Received.

Observations and Conclusions:

This section gives the overviews of all the audits.

1. Water Section:

Institute has provision of rain water harvesting; hence huge amount of water is conserved and saved. Another good point is that the rain water collected at various section and is used to ground.

2. Waste water Section:

SETI doesn't have any wastewater treatment facility till now as all the waste is directly sent to sewers. But the institute has planned for CWs i.e. constructed wetland systems for both the Grey and black water treatment. Institute has also planned for hazardous waste management. The waste water generated through chemistry lab will also be treated and then led of on to sewers.

3. Solid waste management:

Proper method such as separate bins for wet waste and dry waste which leads to source segregation is followed by SETI.

4. E-waste:

Electronic waste is generated from many sections viz. physics lab, computer lab and applied science section. Institute collects the E waste centrally and is send to vendors for proper disposal means.

5. Sustainable water practices:

Institute has a fresh source of water i.e. river water. Water is recycled and used.

6. Energy:

Institute has followed good means by installing sustainable source of energy viz. solar energy and wind power generation. They have taken good measures by installing LED lights and solar sensor lights in the campus which are proving to be energy efficient.



CERTIFICATE ENERGY AUDIT

PROUDLY PRESENTED TO

**SANJEEVAN ENGINEERING &
TECHNOLOGY INSTITUTE,
PANHALA**

Our team of Environmental Engineers have analyzed Clean and
Green Energy practices followed by the Institution.

THIS CERTIFICATE WAS AWARDED BY

**Environmental and Civil
Engineering Solutions**



Snkamble

SEEMA N. KAMBLE
DIRECTOR

Nikhil

NIKHIL N. KAMBLE
AUDITOR

AUDIT YEAR 2023-2024

Certificate No: ECS/EA/2425/101
This certificate can be verified on
sustainability@envirocivilsolutions.onmicrosoft.in

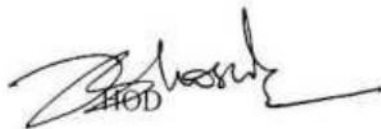


3. Use of LED Bulbs



3.1 Light Load Calculation

- Total light load connected in the institution = 42420 Watt
- LED load connected in the institution = 34270Watt
- Light load other than LED = 8150 Watt
- Percentage of Led lights in the institution out of total light load = $(34270/42120) * 100$
 $= 80.28\%$



Mr. D. S. Bhosale

Head of the Department
Electrical Engineering
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201




Principal

Dr. S.N.Jain

7.1.2 Alternative Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Power Requirement met by Renewable energy sources	Total Power requirement	Renewable energy sources	Renewable energy generated and used	Energy Supplied to the grid
Generated 90000 KWH and Remaining Installation under process	559392KWH	Solar & Wind Hybrid	installed	NIL
		Solar PV panel	Installation Under Process	NIL

7.1.2: Alternative Energy Sources:

A] Present energy generation by renewable energy sources:

I) solar power plant capacity: 70 kW

II) Hybrid (Solar + Wind) power plant capacity: 50 kW

Total Capacity: 70kW + 50kW = 120 kW

Total Energy generation by both plants from 1st Apr 2022 to 31st March 2023 is 90000 KWH

Total Energy requirement from 1st Apr 2022 to 31st March 2023 is KWH

Percentage of energy met by the renewable energy sources as per same year
Energy requirement

: $(90000\text{KWH}/559392\text{KWH}) * 100$

=16.08%



Dr. G. C. Koli
Dean IQAC





B) Proposed energy generation by renewable energy sources

I. Solar power plant proposed capacity: 182 kW

Approximately power generation by same plant is 196560 KWH

Total power will be generated by the whole renewable sources in a year is 326160 kWh

Percentage of energy will be met by the renewable energy sources

$$= (326160 \text{ KWH} / 559329 \text{ KWH}) * 100$$

$$= 58.31\%$$

SETI Campus Monthly Demands / Units Data

Sr.No.	Month /Period	Max Demand IN KVA	Power Factor	Total No.of Unit
1	Apr-22	156	0.996	38,749
2	May-22	156	0.992	30,616
3	Jun-22	156	0.994	38,508
4	Jul-22	156	0.998	61,325
5	Aug-22	156	0.996	55,957
6	Sep-22	156	0.992	42,201
7	Oct-22	156	0.993	43,564
8	Nov-22	156	0.995	43,284
9	Dec-22	156	0.993	53,421
10	Jan-23	156	0.996	50,340
11	Feb-23	156	0.996	49,726
12	Mar-23	156	0.996	51701
		Average Value in KVA=156	0.995	Annual Unit Consumed During period of APR 2022 To Mar 2023 =559392 units


Dr. G. C. Koli
Dean IQAC

IQAC Chairperson
Sanjeevan Group Of Institutions
Somwar peth, Panhala, Tal. Panhala,
Dist. Kolhapur - 416 201 (M.S.)