



# SITYOG INSTITUTE OF TECHNOLOGY

Growth Center, Jasoiya More, Aurangabad (Bihar) – 824102

Approved By AICTE under Govt. of India (Ministry of HRD),

Affiliated to Aryabhata Knowledge University, Patna/ Bihar Engineering University, Patna

Phone: 9322698410, 9308392310 E-Mail: [sityogengg@yahoo.com](mailto:sityogengg@yahoo.com), Website: [www.sityog.edu.in](http://www.sityog.edu.in)

## No of workshop/ seminar/ conference

Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To	Link to the Activity report on the website
2020	Three days Webinar on NANOSCIENCE & TECHNOLOGY	125	16-09-2020 to 18-09-2020	<a href="https://www.sityog.edu.in/webmaster/upload/16-09-20.pdf">https://www.sityog.edu.in/webmaster/upload/16-09-20.pdf</a>
2021	One day seminar on How to Bootstrap a Tech Startup	189	2-2-2021	<a href="https://www.sityog.edu.in/webmaster/upload/02-02-21.pdf">https://www.sityog.edu.in/webmaster/upload/02-02-21.pdf</a>
2021	One day seminar on Current Scenarion of Energy Distribution in India	175	21-03-2021.	<a href="https://www.sityog.edu.in/webmaster/upload/21-03-21.pdf">https://www.sityog.edu.in/webmaster/upload/21-03-21.pdf</a>
2021	One day Webinar On Leadership Development	186	23-11-2021	<a href="https://www.sityog.edu.in/webmaster/upload/23-11-21.pdf">https://www.sityog.edu.in/webmaster/upload/23-11-21.pdf</a>
2022	One day online workshop on E- waste Management & its impact on Environment	212	10-12-2022	<a href="https://www.sityog.edu.in/webmaster/upload/10-12-22.pdf">https://www.sityog.edu.in/webmaster/upload/10-12-22.pdf</a>
2022	One day online workshop on Electrical Vehicle Design & Development	218	18-12-2022	<a href="https://www.sityog.edu.in/webmaster/upload/18-12-22.pdf">https://www.sityog.edu.in/webmaster/upload/18-12-22.pdf</a>
2022	One day webinar on Technology & Innovation : Managerial Perspective	280	9-2-2022	<a href="https://www.sityog.edu.in/webmaster/upload/09-02-22.pdf">https://www.sityog.edu.in/webmaster/upload/09-02-22.pdf</a>
2022	One day Webinar on Power Plant Scenario	300	14-02-2022	<a href="https://www.sityog.edu.in/webmaster/upload/14-02-22.pdf">https://www.sityog.edu.in/webmaster/upload/14-02-22.pdf</a>
2022	One day Webinar on Python tkinter- A Privilege for GUI	359	19-02-2022	<a href="https://www.sityog.edu.in/webmaster/upload/19-02-22.pdf">https://www.sityog.edu.in/webmaster/upload/19-02-22.pdf</a>
2022	An Exclusive webinar on GATE/ESE/PSU'S/ GOVT. JOB	396	19-04-2022	<a href="https://www.sityog.edu.in/webmaster/upload/20-07-23.pdf">https://www.sityog.edu.in/webmaster/upload/20-07-23.pdf</a>
2022	One Day Seminar on De-Addiction	205	24-11-2022.	<a href="https://www.sityog.edu.in/webmaster/upload/24-11-22.pdf">https://www.sityog.edu.in/webmaster/upload/24-11-22.pdf</a>
2023	One day online workshop on One Day National IPR Awareness Program	280	13-09-2023.	<a href="https://www.sityog.edu.in/webmaster/upload/13-09-22.pdf">https://www.sityog.edu.in/webmaster/upload/13-09-22.pdf</a>
2023	Expert lecture on Teaching Technical English		14-10-2023	<a href="https://www.sityog.edu.in/webmaster/upload/14-10-23.pdf">https://www.sityog.edu.in/webmaster/upload/14-10-23.pdf</a>
2023	One day seminar on Financial Education "Wealth Management & Role of Prudent Investor in India"	250	14-09-2023	<a href="https://www.sityog.edu.in/webmaster/upload/14-09-23.pdf">https://www.sityog.edu.in/webmaster/upload/14-09-23.pdf</a>
2023	Two days Online Workshop on Data Science using Python	356	14-09-2023 to 15-09-2023	<a href="https://www.sityog.edu.in/webmaster/upload/14-09-23.pdf">https://www.sityog.edu.in/webmaster/upload/14-09-23.pdf</a>





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	Program			
2023	One day seminar on Quality Management using NDT in Road Construction	300	15-09-2023	<a href="https://www.sityog.edu.in/webmaster/upload/15-09-23.pdf">https://www.sityog.edu.in/webmaster/upload/15-09-23.pdf</a>
2023	One day Expert Lecture on Power Plant Engineering	360	15-09-2023	<a href="https://www.sityog.edu.in/webmaster/upload/15-09-23..pdf">https://www.sityog.edu.in/webmaster/upload/15-09-23..pdf</a>
2023	One day seminar on Application of Power Electronics In Modern Era	350	12-09-2023	<a href="https://www.sityog.edu.in/webmaster/upload/12-09-23.pdf">https://www.sityog.edu.in/webmaster/upload/12-09-23.pdf</a>
2023	Expert Talk on Petroleum and Explosives Safety Program	298	12-7-2023	<a href="https://www.sityog.edu.in/webmaster/upload/12-07-23.pdf">https://www.sityog.edu.in/webmaster/upload/12-07-23.pdf</a>
2023	One day seminar on Health Awareness Program	298	12-7-2023	<a href="https://www.sityog.edu.in/webmaster/upload/12-07-23..pdf">https://www.sityog.edu.in/webmaster/upload/12-07-23..pdf</a>
2023	One day seminar on Functional Engineering Nanomaterials and its application from engineering to Nanomedicine	386	16-07-2023	<a href="https://www.sityog.edu.in/webmaster/upload/16-07-23.pdf">https://www.sityog.edu.in/webmaster/upload/16-07-23.pdf</a>
2023	One day seminar on Awareness Program on Bihar Start-Up Policy	300	20-07-2023	<a href="https://www.sityog.edu.in/webmaster/upload/20-07-23.pdf">https://www.sityog.edu.in/webmaster/upload/20-07-23.pdf</a>



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## Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication
Evaluation of ANN, MSP, RBF, Reptree for Runoff and Sediment Yield	Sanoj Kumar	CE	IJSTR	2020
Analysis of Strength of Laminated Composite Plate	Vikrant Kumar	CE	IJSTR	2020
Wind turbine electrohydraulic transmission system control for maximum power tracking with pump fault.	Neeraj Kumar	ME	JSCE	2023
Condition monitoring of hydraulic transmission system with variable displacement axial piston pump and fixed displacement motor	Neeraj Kumar	ME	science direct	2020
Performance analysis of the swashplate axial piston pump with hydraulic fluid temperatures	Neeraj Kumar	ME	JSIR	2021
Wind turbine electrohydraulic transmission system control for maximum power tracking with pump fault	Neeraj Kumar	ME	SAGE Journal	2023
Study of MPPT Techniques in PV Based Renewable Energy System	Ashwini Mishra	EEE	IJITE- International Journal of Innovative Trends In Engineering	2022
Study of MPPT Techniques in PV Based Renewable Energy System	Samarjit Singh	EEE	IJITE- International Journal of Innovative Trends In Engineering	2022
Green House Energy Management System Using ZigBee Communication through Comparison of Energy Usage	Ritu Ranjan Kumar	ECE	IJESRT	2014
A Survey on IoT and Big Data : Relationship and Challenges	Dr. S.K.JHA	CSE	IJSR	2021
A Comprehensive study on IOT: Major challenges	Dr. S.K.JHA	CSE	IJSR	2021





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## Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings

Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Calendar Year of publication
National Conference on Recent Advances in Traffic Engineering	Study of Driver Behavior in Overtaking Manoeuvres on Undivided Road in Indian Context	Recent Advances in Traffic Engineering.	Springer	International	2024
Intelligent Sustainable System	Design of a CPW-Fed Microstrip Elliptical Patch UWB Range Antenna for 5G Communication Application	Intelligent Sustainable Systems.	Springer	International	2022
Materials Today Proceedings	Effect of change of material model in Mooney Rivlin hyper-elastic material.	Materials Today: Proceedings	Elsevier	International	2020
Advances in Mechanical Engineering Series	Adaptive control of the wind turbine transmission system for smooth power generation.	Lecture Notes in Mechanical Engineering. Springer, Singapore.	Springer	International	2020
Advances in Mechanical Engineering Series	Adaptive control of the wind turbine transmission system for smooth power generation.	Lecture Notes in Mechanical Engineering. Springer, Singapore.	Springer	International	2020



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Advances in Mechanical Engineering Series	Recent Development and Application of the Hydrostatic Transmission System	Lecture Notes in Mechanical Engineering. Springer, Singapore.	Springer	International	2020
International Gas Turbine Institute	Leakage Based Condition Monitoring and Pressure Control of the Swashplate Axial Piston Pump	Proceedings of the ASME 2019 Gas Turbine India Conference.	Gas turbine india conference	International	2019
Proceeding of 4th Women IEEE conf.	Electric Power Generation from Piezoelectric System under Several Configurations	In Proceeding of 4th Women IEEE conf.	IEEE	International	2018



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## Teaching and Non-Teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Year	Name of the participant	Designation	Title of the FDP /MDP/professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2023	Mr. SURAJ	Assistant Professor	Five days online international faculty development programme On Recent trends in composites	02-01-2023 to 06-01-2023
2023	Mr. Vaibhav Pratap Singh	Assistant Professor	Five days online international faculty development programme On Recent trends in composites	02-01-2023 to 06-01-2023
2023	Mr. Vaibhav Pratap Singh	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. SANDEEP KUMAR CHOUBEY	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Kumar Vishal	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Sanoj Kumar	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Indrajeet Kumar	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Vikrant	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Ms. Priyanka	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023

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2023	Mr. Rajiv Nayan	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2022	Mr. Rajiv Nayan	Assistant Professor	One week faculty development programme through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. SANDEEP KUMAR CHOUBEY	Assistant Professor	One week faculty development programme through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. SANJOJ KUMAR	Assistant Professor	One week faculty development programme through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. Indrajeet Kumar	Assistant Professor	Intelligent Transportation systems approach for traffic Data Collection & Extraction	28-02-2022 to 04-03-2022
2022	Mr. SURAJ	Assistant Professor	Orientation Training Programme for Mentors	7-2-2022 to 11-2-2022
2022	Mr. VAIBHAV	Assistant Professor	AICTE Training and Learning (ATAL)Academy online FDP on "3D Printing & Design	7-12-2022 to 11-12-2022
2022	Mr. RANJEET KUMAR PANDEY	Assistant Professor	One week faculty development programme through ICT MODE on Fundamentals of Machine learning and Deep learning	26-09-2022 to 30-09-2022
2022	Mrs. RUBY SINGH	Assistant Professor	One week faculty development programme through ICT MODE on Fundamentals of Machine learning and Deep learning	26-09-2022 to 30-09-2022
2020	Mr. SURAJ	Assistant Professor	Short Term Training Programme through ICT mode on Induction Training	23-11-2020 to 27-11-2020
2020	Mr. SURAJ	Assistant Professor	5 day online FDP on universal human values for DEEKSHARAMBH (Student Induction program)	23-11-2020 to 27-11-2020
2020	Mr. SURAJ	Assistant Professor	AICTE Training and Learning (ATAL)Academy online FDP on "3D Printing & Design	7-12-2020 to 11-12-2020





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2019	Mr. Dhananjay Singh	Assistant Professor	Short Term Training Programme through ICT mode on Modern Manufacturing Systems	18-02-2019 to 22-02-2019
2018	Mr. ASHWINI KUMAR MISHRA	Assistant Professor	One week Short term course through ICT mode on MATLAB & LABVIEW with its Hardware Interface.	29-01-2018 to 02-02-2018



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## Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity
Nukkad Natak on Topic-End Dowry System	Organised by SITYOG Institute of Technology	Awareness Program	2023
Seminar on Drug Free Nation	Organised by SITYOG Institute of Technology	Awareness Program	2023
Nukkad Natak on Prohibition of Liquor	Organised by SITYOG Institute of Technology	Awareness Program	2023
Plantation and various competition on Save Environment	Organised by SITYOG Institute of Technology	Awareness Program	2023
Awareness Program on " दहेज प्रथा खतम करना है"	Organised by SITYOG Institute of Technology and collaborated with Gram Panchayat SANSA, Daudnagar(Aurangabad, Bihar)	Awareness Program	2023
Awareness Program on " दहेज प्रथा खतम करना है"	Organised by SITYOG Institute of Technology and collaborated with Gram Panchayat Sewahi, Daudnagar(Aurangabad, Bihar)	Awareness Program	2023
Awareness Program on " सेनेटरी पैड का उपयोग करें स्वच्छ और आत्मविश्वास रखें"	Organised by SITYOG Institute of Technology and collaborated with Gram Mahendra Chak, Daudnagar(Aurangabad, Bihar)	Awareness Program	2023





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Awareness Program on " सेनेटरी पैड का उपयोग करें स्वच्छ और आत्मविश्वास रखें"	Organised by SITYOG Institute of Technology and collaborated with Gram Panchayat Sewahi, Daudnagar(Aurangabad, Bihar)	Awareness Program	2023
Awareness Program on " पर्यावरण बचाओ, भविष्य बचाओ"	Organised by SITYOG Institute of Technology and collaborated with Gram Panchayat Sewahi, Daudnagar(Aurangabad, Bihar)	Awareness Program	2022
Awareness Program on " पर्यावरण बचाओ, भविष्य बचाओ"	Organised by SITYOG Institute of Technology and collaborated with Gram Mahendra Chak, Daudnagar(Aurangabad, Bihar)	Awareness Program	2022
Awareness Program on " पूर्ण शराब बंदी है नारा खुशहाल और समृद्ध बने गांव हमारा"	Organised by SITYOG Institute of Technology and collaborated with Gram Panchayat Sewahi, Daudnagar(Aurangabad, Bihar)	Awareness Program	2022
Awareness Program on " पूर्ण शराब बंदी है नारा खुशहाल और समृद्ध बने गांव हमारा"	Organised by SITYOG Institute of Technology and collaborated with Gram Mahendra Chak, Daudnagar(Aurangabad, Bihar)	Awareness Program	2022
Outreach Program by "District Youth Officer" On Poetry Competition	Organised by SITYOG Institute of Technology and collaborated "Nehruyuva Kendra Sangathan"	Outreach Program	2023
Outreach Program by "District Youth Officer" On Rangoli Competition	Organised by SITYOG Institute of Technology and collaborated "Nehruyuva Kendra Sangathan"	Outreach Program	2023
Outreach Program by "District Youth Officer" On Craft Designing	Organised by SITYOG Institute of Technology and collaborated "Nehruyuva Kendra Sangathan"	Outreach Program	2023
Outreach Program by "District Youth Officer" On Quiz Competition	Organised by SITYOG Institute of Technology and collaborated "Nehruyuva Kendra Sangathan"	Outreach Program	2023



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Outreach Program by "District Youth Officer" On Painting Competition

Organised by SITYOG  
Institute of Technology  
and collaborated  
"Nehruyuva Kendra  
Sangathan"

Outreach Program

2023

