



# Darphan

The Quarterly Newsletter

Volume XVI, Issue IV  
Oct-Dec 2023

Celebrating

24  
Glorious  
Years

## Synergy Group of Institutions

# Synergy's Newsletter

SYNERGY, DHENKANAL & SYNERGY, BHUBANESWAR



### Message from The Chairman.....

#### **Nurturing Meaningful Connections: A Lesson from Swami Vivekananda**

In the fast-paced world of engineering, where deadlines loom large and projects demand our attention, it's easy to become engulfed in the whirlwind of daily tasks. In the midst of this chaos, we may inadvertently overlook the importance of nurturing meaningful connections with those around us. A story that sheds light on this vital aspect of our lives is as follows.

During an interview with a journalist from New York, Swami Vivekananda, a revered Monk of the Ramakrishna Mission, imparted a profound lesson on the distinction between "contact" and "connection." Through a series of seemingly unrelated personal questions, he highlighted the significance of fostering genuine connections in our lives.

As the journalist reluctantly answered questions about his family, he realized that despite having "contact" with his loved ones, he lacked a genuine "connection" with them. This realization struck a chord, prompting him to reflect on the essence of meaningful relationships. Despite being physically present, he had not truly engaged with his family on an emotional level, missing out on the depth of human connection.

As future engineers, it's imperative to prioritize building and maintaining genuine connections with your fellow colleagues, professors, and mentors. True connection involves spending quality time together, expressing care and empathy, and engaging in heartfelt conversations. These connections not only enrich your personal and professional lives but also contribute to a supportive and collaborative environment within your engineering community.

In conclusion, as we navigate the complexities of our engineering journey, let us not forget the profound lesson on the power of connection imparted by Swami Vivekananda. By nurturing meaningful connections, we can create a world where empathy, collaboration, and companionship reign supreme, shaping us into well-rounded engineers and individuals

(Binod Dash)

Chairman & Managing Trustee, Synergy Group of Institutions

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DHENKANAL



BHUBANESWAR

## Society function of CSE Department in association with ISTE chapter at Synergy, Dhenkanal

Society of CS & IT annual technical symposium “Anarghya2K23” was held on 10th and 11th of October 2023 in association with ISTE Synergy, Dhenkanal Student Chapter. Around 350 students across the state participated in the 2-day long symposium. As October is celebrated as National Security Awareness Month by highlighting the importance of cybersecurity, ISTE Student Chapter, Synergy, Dhenkanal organized paper and poster presentation competitions on the theme Secure Our World. Besides other competitions like technical quiz, coding and videography were also conducted in the technical symposium. Mr. Mohar Manohar Mishra Co-Founder & CTO, Inovaare Corporation, USA was the Chief Guest and Mr. Ravi Kumar Nayak, Nasscom was the invited guest of the inaugural function which was also attended by Dr. Itishree Mohanty, Principal, Synergy, Dhenkanal & Chairman ISTE Synergy, Dhenkanal Student Chapter, Prof. Smruti Ranjan Dash, Head Department of Computer Science & Engineering and President of Society of CS & IT, Prof. Sunita Panda, Secretary, ISTE Student Chapter, Synergy, Dhenkanal, Prof. Ipsita Panda, Secretary, Society of CS & IT and Mukesh Kumar Sahoo, Student Secretary, Society of CS & IT.



## Seminars Conducted at Synergy, Bhubaneswar

One day seminar was conducted by CSE Dept. of SIT, BBSR on “Algebraic complexity” on 16th Dec 2023 under CSE Society. HOD of CSE Dept. Prof Biswaranjan Sarangi delivered the welcome address. Resource person Dr Chandrakanta Mohapatra post doctoral fellow at Chennai Mathematical Institute discussed about solvable and unsolvable computation problem under algebraic complexity to all the participants. Event ended with vote of thanks by Prof Swikruti Dash of CSE Dept. Two days National Seminar on Engineering Analysis with Advanced Technology (EAAT-2023) was conducted by the Dept. of Mechanical Engineering, SIT, BBSR on 18/12/2023 and 19/12/2023. The National Seminar had 5 technical sessions and a Poster presentation session. The Chief guest and Expert for the seminar was Prof. (Dr.) Swarup Kumar Mahapatra, School of Mechanical Sciences, Indian Institute of Technology, Bhubaneswar and



## National seminar on “Control & Integration Issues of Renewable Energy System” at Synergy, Dhenkanal

A National level Seminar on “Control & Integration Issues of Renewable Energy System” was organized in the department of Electrical Engineering on 6<sup>th</sup> October, 2023. Dr. Bhimsen Tudu, Associate Professor, Department of Power Engineering, Jadavpur University was the chief guest & chief speaker & Er. Chandan Kumar Barik, Director, Anvi Anaya Pvt. Ltd., Bhubaneswar was the guest of honour of the programme. Delegates from nearby industries & the faculties from various parts of the state also joined the seminar and there was an effective interaction between the delegates on the above topic. The students of all the years participated and presented their deliberations. A souvenir was published where both faculties & students contributed their articles on the above related topic. Dr. P. K. Nayak, Director & Dr. I. Mohanty, Principal of the institute delivered the welcome address in the inaugural ceremony. Prof. S.S. Pati, HOD of the department delivered the theme of the topic. Coordinator Dr. L. Dhall Samanta proposed the vote of thanks. The seminar was very much successful & was appreciated by all corners.

Keynote speakers were Prof. (Dr.) Prasanta



## Workshops Conducted at Synergy, Bhubaneswar

A Workshop by Dr. Sthita Prajna Mishra (Sr. Assistant Professor, GMR institute of technology, Andhra Pradesh) on “Efficient prediction using AI Integrated to renewable energy using MATLAB (EPAREM)” on 25.11.2023 was conducted by the Dept of Elect. Engg, SIT, BBSR. A Workshop by Dr. Soumya Ranjan Mohapatro (Professor, Vellore Institute of Technology, Chennai) on “Internet of things to Internet of everything” on 01.12.23 was conducted by the Dept of Elect. Engg, SIT, BBSR. One day workshop on “Skill Development Programme” organized by Civil Engineering Department in collaboration with Ultra Tech cement Ltd. (Aditya Birla) on 11th September 2023 at SIT, Bhubaneswar.





## Newsletter

### Student Model Village Visit by Synergy, Dhenkanal

Under the Student Induction Program-2023 students of B.Tech 1<sup>st</sup> Yr visited some local landmarks like Dhenkanal palace, Balaram temple, etc on 11/11/2023. On the same day students also visited to J.K.Laxmi Cement Company and Anshupa village. In order to generate strong bonding between students a picnic was organised at Anshupa Lake, where senior representatives of the Institute accompanied them during their visit. Model village visit was a grand success under the supervision of Dr. J. Singh and other faculty representatives.



### 15th Governing Body Meet hosted by Synergy, Bhubaneswar

The 15th Governing Body meet of Synergy Group of Institutions held on 13.12.23, was chaired by Sri. Binod Dash, CMT, and graced by members: Er. Ajoy Ku. Sahu, Sri Vivek Pattanayak, Dr. S. K Tamotia, Dr. Damodar Acharya, Brig. (Dr.) L.C Patnaik, Prof. (Dr.) Sanjay Ku. Nayak, Dr. D.P. Mishra, Dr. Antaryami Mishra, Dr. Lagnajit Dash, Member, Smt. Anita Padhi, Prof. (Dr.) Ajay Kumar Swain, Prof. Chitrasen Jagatdeo, Prof. (Dr.) Jogeswari Rout. The special invitees were Maj. Gen. Atanu Patnayak, Dr. Dharanidhar Sahu, Mr. Pankaj Ku. Dash, Mr. B.R Sarangi, Member. This excellent symposium sprung forth revolutionary ideas and insights in improving the teaching-learning experience. The dignitaries imparted indispensable suggestions toward the growth and development of Synergy Group of Institutions.



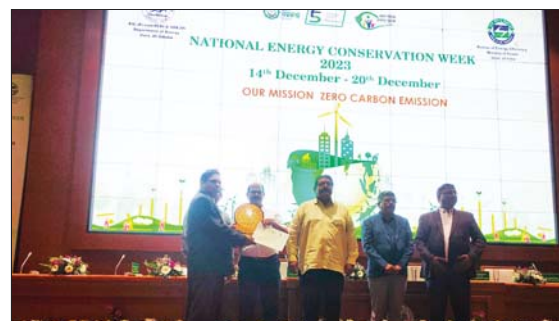
### Sri Dharmendra Pradhan, Minister of Education & Skill Development on a visit to Synergy, Bhubaneswar

On the 24th of November, 2023, Sri Dharmendra Pradhan Minister of Education and Minister of Skill Development and Entrepreneurship in the Government of India undertook a visit to the campus of Synergy Institute of Technology Bhubaneswar and interacted with students and faculty members. The meeting was attended by dignitaries like Sri. Binod Dash, Chairman and Managing Trustee of Synergy Group of Institutions, Prof. (Dr.) Jogeswari Rout, Principal of Synergy Institute of Technology, Bhubaneswar, Prof. (Dr.) Ajay Kumar Swain, Director of institute, Prof. (Er.) Dharanidhar Sahu, Principal of Synergy Polytechnic Bhubaneswar and Prof. (Dr.) Ramesh Chandra Nayak, Head of the department of Mechanical Engineering.



### Our Pride-Our Achievement of Synergy, Dhenkanal

On the eve of National Energy Conservation Day on 14<sup>th</sup> Dec 2023 our Institute “Synergy Institute of Engineering & Technology, Dhenkanal “ bagged the “Meritorious Performance Award-2023” for the outstanding contribution in the field of Energy Conservation in the institute level at Lok Sabha Bhawan, Bhubaneswar. On behalf of our institute Dr. L.Dhall Samanta, Professor, Electrical Engineering, Coordinator for Energy Conservation, received the award in presence of Honourable Minister Sri Pratap Keshari Deb, Minister of Energy, Industry & MSME, Govt. of Odisha.



### BPUT Tech Carnival at Synergy, Dhenkanal

Synergy Institute of Engineering and Technology Dhenkanal organized Drone Competition under BPUT Tech Carnival 2023 on 9<sup>th</sup> November 2023. Participants from various institutes of the state participated and demonstrated their skills on drones.



## Workshop/Conference/FDP Attended by the Staff of Synergy, Dhenkanal & Synergy, Bhubaneswar

Prof. Pankaj Kumar Dash, HOD Civil Department attended the “National Conference on Construction sustainability Infrastructure and Valorization of Waste (NCCSIVW) 2023” on 7th October 2023 at GIET, Bhubaneswar.

Prof. Pankaj Kumar Dash, HOD Civil Department attended the “International Conference on Processing and Characterization of Materials (ICPCM) 2023” on 8th to 10th December 2023 at NIT, Rourkela.

Dr. Jayashree Singh, HOD Physics has successfully completed 6 days online UHV-II FDP organized by AICTE between 16 th October 2023 to 21st October 2023.

## Paper Publication / Paper Presentation / Book Publication by the Staff of Synergy, Dhenkanal & Synergy, Bhubaneswar

Ramesh Chandra Nayak et al. ‘Advanced smokeless stove towards green environment and for sustainable development of rural women, E3S Web of Conferences, 455, 02017 (2023) <https://doi.org/10.1051/e3sconf/202345502017> ICGEST 2023. [Published]

Ramesh Chandra Nayak et al. “Heat Transfer Analysis Between Two Aluminium Parallel Plates with Natural Convection” 2nd International Conference on Aspects of Materials and Mechanical Engineering (ICMME-2023), Department of Mechanical Engineering, GLA University, Mathura. (Presented and Received certificate).

Ramesh Chandra Nayak et al. ‘Design and development of a Technology based smokeless stove towards sustainable development of Rural women’ under track Multi-Disciplinary Engineering in the 7th International Conference on Advances in Materials and Manufacturing Technology (AMMT-2023) held in virtual mode on November 3 - 4, 2023, organized by Department of Mechanical Engineering, CUIET-Applied Engineering, Chitkara University, Punjab. (Presented and Received certificate).

Dr. Ramesh Chandra Nayak and Dr. Naushad Hasin Khan, published a Text Book “Mechanical Engineering: Objective and Explanation” Central West Publishing (CWP) Orange, NSW 2800, Australia [Published] Copy Right and agreement completed [International Book].

Pankaj Kumar Dash Efficient Machine learning algorithm with enhanced cat swarm optimization for prediction of compressive strength of GGBS-based Geopolymer concrete at elevated temperature, Construction and Building Material, ELSEVIER 400(2023)132814.

Pankaj Kumar Dash Influence of chemical constituents of binder and activator in predicting compressive strength of fly ash based Geopolymer concrete using firefly-optimized hybrid ensemble machine learning model, ELSEVIER, Materials Today Communications 37 (2023) 107485.

Pankaj Kumar Dash A comparative study of compressive strength characteristics of partially replaced fly-ash based concrete at elevated temperature, IJAEM(ISSN : 2395-5252, Volume: 5, Issue: 9)

Pankaj Kumar Dash Experimental study on compressive strength prediction of ground granulated blast furnace slag based Geopolymer concrete.(ISBN NO: 978-93-83060-26-9, Paper Id: NCCSIVW-23-07)

Chandan Kumar Behera Soil stabilization using Industrial Waste (GGBS and Stone dust) IJERT(ISSN: 2278-0181 Volume:10,Issue:9)

Chandan Kumar Behera Soil stabilization using Terrazyme and Lime, IJSREM (ISSN:2582-3930 Volume:7,Issue:8)

Pankaj Kumar Dash, Lopamudra Sahoo Prediction of strength parameters for cellular light weight concrete by using fly-ash as partial replacement of cement, IJSRT(ISSN:2456-2165,Volume:8,Issue:8)

Pankaj Kumar Dash, Anshuman Mishra A comparative study of compressive strength characteristics of partially replaced fly ash based concrete with nominal concrete at elevated temperature, IJAEM(ISSN:2395-5252,Volume:5,pp: 204-212)

Chandan Kumar Behera, Lopamudra Sahoo, Pankaj Kumar Dash Soil Stabilization using waste Fiber material, IRJET(e-ISSN:2395-0056 , p-ISSN: 2395-0072, Volume:10 Issue:08).

Chandan Kumar Behera, Pankaj Kumar Dash Improvement of the Geotechnical properties of soil by adding calcium carbide residue and fly-ash, IJRES( ISSN: 2320-9364, Volume 11 Issue 8 )

Chandan Kumar Behera, Lopamudra Sahoo, Pankaj Kumar Dash Study of Saline water effect on Geotechnical properties of high plastic soil, IJSRT(ISSN:2456-2165, Volume:8,Issue:8).

Chandan Kumar Behera, Pankaj Kumar Dash, Lopamudra Sahoo Soil stabilization using coconut coir and rubber tyre coir, IJAEM( ISSN: 2395-5252, Volume 5, Issue 9).

Mousumi Mahapatra ,Pankaj Kumar Dash, Comparative study on the adsorption of chromium Cr(VI) from wastewater by using different adsorbents, IJRES(ISSN:2320-9356, Volume:11, Issue:9)

Snigdha Satapathy , Vishal Guru , Ramesh Chandra Nayak\*, Design and development of a model to measure velocity ratio of different drive systems, Journal of Advanced Engineering Research, ISSN: 2393-8447, Volume 10, Issue 1, 2023, pp.116-120,2023,

Dr. Ramesh Chandra Nayak reviewed the Manuscript with Ref.: Ms. No. ICHMT-D-23-03150, titled “Filling structure design and cooling mechanism study of the heat-not-burn cigarettes with sidewall openings” for the Journal “International Communications in Heat and Mass Transfer” for November-2023.

Dr. Ramesh Chandra Nayak reviewed the Manuscript SMHL-D-23-00210, titled “Real-time Dynamic Analysis of EEG Response for Live Indian Classical Vocal Stimulus with Therapeutic Indications” for the Journal “Smart Health” for December-2023.

Priyanka Priyadarshini, “Transfer of Training in the Digital Era: A Case Study of the State Bank of India in Bhubaneswar”, International Journal of Research in Commerce , IT and Management , Vol. No. 13 , Issue No. 7 (July 2023 ) , pp - 5-11.

Prof. Debasish Rout, Assistant Professor, Department of Mechanical Engineering, Synergy Institute of Engineering and Technology Dhenkanal published a book chapter titled “Employee Training and Development” in the book “Emerging trends in human resource management”.

Prof. Abhilash Purohit, Prof. Priyabrat Pradhan, Prof. Jayashree Singh published a paper on “Sliding Wear characterization of epoxy composites filled with wood apple dust using Taguchi analysis and finite element method”.

## Faculty Achievements by the Staff of Synergy, Dhenkanal & Synergy, Bhubaneswar

On the occasion of “Engineer’s Day” organized by Ultra Tech Cement Ltd., at KIIT, “Dronacharya Award” was presented to Prof. Pankaj Kumar Dash (HOD Civil) at Synergy Institute of Technology, Bhubaneswar. The award was collected by Mr. Chandan Kumar Behera, Assistant Professor in the department of Civil Engineering at Synergy Institute of Technology, Bhubaneswar.

cently received confirmation for Joint Research Collaboration with Vision Science Research Sdn Bhd, a global scientific research institute located in Malaysia.

Dr. Ramesh Chandra Nayak has been selected for Prof. R P Singh award by The Institution of Engineers (India) for the Paper titled ‘Technology to Develop a Smokeless Stove for Sustainable Future of Rural Women and also to Develop a Green Environment’ (published in Series A, Volume 103 Issue 1).

Dr. Ramesh Chandra Nayak has been awarded with the Post-Doctoral Fellowship (PDF) for project “ Design and development of continuous irrigation system by mechanical concept without any external sources” at I hub-Anubhuti, IIIT, Delhi, funded by the Department of Science and Technology, Govt. of India

Mr. Vivekananda Pattanaik, Assistant Professor in the department of Electrical Engineering received a certificate of participation for attending the Regional Meet of Institution’s Innovation Council MoE’s Innovation Cell on 18<sup>th</sup> December, 2023 at Silicon Institute of Technology, Bhubaneswar.

Mr. Aditya Kumar Nanda, received a certificate of participation for attending the Regional Meet of Institution’s Innovation Council MoE’s Innovation Cell on 18<sup>th</sup> December, 2023 at Silicon Institute of Technology, Bhubaneswar.

Ms. Swati Priya Pany, received certificate for successfully completing the 12 weeks NPTEL online certification course “Solid State Physics”

Ms. Arpita Patro, Asst. Prof. in English, received a certificate on Nov 9, 2023, for completing a 5-day Online FDP on “Inculcating Universal Human Values in Technical Education” organized by AICTE from Aug 21-25, 2023

Dr. Malaya Kumar Debata, A.P Mechanical Engineering, SIET Dhenkanal has been awarded PhD in engineering from NIT Rourkela on 26-12-2023.



## Newsletter

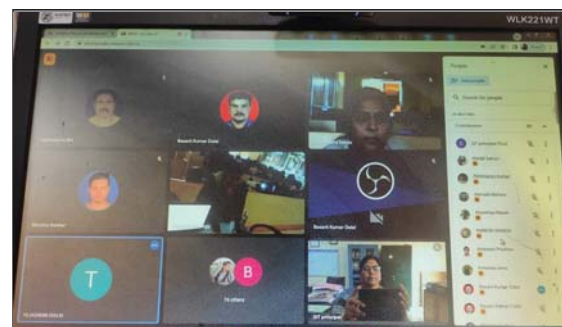
### Training & Placement at Synergy, Dhenkanal & Bhubaneswar

During this academic year, 397 students of Synergy Institute of Engineering & Technology, Dhenkanal & 169 students of Synergy Institute of Technology, Bhubaneswar got placed in reputed corporate organizations like WIPRO INDUST. (P), MICRO TURNER, RONCH POLYMER, COLLABERA TECHNOLOGIES(P) LTD, BARCOM INDUSTRIES LTD, COGNIXIA, MERCEDES BENZ, KALISMA STEEL, DIGICALL, SILLICON TECH(STL) AMTEK AUTO LTD., ROTODYNE SUMUKH ENGG. PVT. LTD., INDO ALUSYS INDUSTRIES LTD, E.TECH GS, PARAGON TECH TNS GLOBAL, RONCH POLYMERRANGAM INFO, PRECISION ENGG, ROTODYNE, EPITOME ENGI, RESEARCH-IN BHUMI, CLEBRIT CHIF, AIU CONSULTANY, HATIM TECH, AFFIMITY etc. SILLICON TECH(STL) COGNIZANT, CAPGEMINI, MINDTREE. The following is a list of students who have been selected by different companies in the recent campus from October to November 2023.

SYNERGY, DHENKANAL		SYNERGY, BHUBANESWAR	
<b>QSPIDERS (30/11/2023)</b>	<b>SAINT GOBIN (06/12/2023)</b>	<b>QSPIDERS (29/11/2023)</b>	<b>PIDILITE INDUSTRIES LTD.</b>
Abinash Samant EE	Aditya Mohanty ME	Bikash Nayak CSE	Manisha Mishra CE
Aditya N. Mohapatra CSE	Anil Khila ME	Biswajit Behera CSE	Rashmishree Sahoo CE
Anita P. Subudhiray CE	Satyasundar Mohapatra EE	Chinmaya Kumar Bai CSE	Sasmita Nayak CE
Arpita Nayak CSE	Sarada Prasad Dash ME	Chiranjit Nayak CSE	Swagatika Mohanty CE
Bishal CSE	Chandan Behera ME	Debashis Nayak CSE	<b>AMERICAN AXEL (13/12/2023)</b>
Biswabhusan Rout CSE		Hrushikesh Behera CSE	Atish kumar mahanta EE
Chetan Jena CSE		Nigamananda sahu CSE	Nibedita Behera EE
Ipsita L. Jyotirmayee CSE	<b>AMERICAN AXEL (13/12/23)</b>	Nikita Swain CSE	Saishrita Pradhan EE
Kirtishree Pattanayak CSE	Abhijit Samanta ME	Rudra Narayan Dash CSE	Abhijit Kandi EE
Lopamudra Sahoo CSE	Abhinash Samanta ME	Sasmita Mohanty CSE	Sumit Mohanty EE
Manyesh T. Sahoo EE	Samir Pradhan EE	satyapriya Rout CSE	Rakesh sethy EE
Pranab Ku P Sankar Jena CSE	Sandeep Samal ME	Subham Kumar CSE	Debaprasad kanhar EE
Priyanka Samal CSE	Durga P.Das EE	Subhrajit bheyan CSE	Satyajit Sahoo EE
Rojalin Sahoo CSE	Bikas N.Samal ME	Dibya ranjan giri EE	Soumaya ranjan das ME
Shiba Prasad Sahoo CSE	Bikash Ku.Samal ME	Jnana ranjan Sahoo EE	Snehasis Parida EE
Shiva Swarup Padhi CSE	Madhusudan Sahu ME	Satrugna pradhan EE	Dibya ranjan Giri EE
Subhashree D Mohapatra CSE		Suchismita Ray EE	Aditya Narayan Jena ME
Swetapadma Singh CSE			Deepak Kumar Sahoo EE
Tapaswinee Parida CSE			Suchismita Ray EE
			<b>ULTRA-TECH CEMENT LTD. (Adity Birla)</b>
			Sidhant Kumar Bhuyan CE
			Swaroop Mohanty CE
			Sidheswar Dash CE
			Chand Kishore Tudu CE
			Hrutdeep Sahoo CE
			Pradyumna Lenka CE
			Tanushree Das CE

### Alumni Meet 2023 at Synergy, Bhubaneswar

An alumni meet over online mode was conducted on 23.12.23 in the seminar hall of the institute at 11:00 a.m.. The institute dignitaries that attended the meet were Sri. Binod Dash, Chairman and Managing Trustee of Synergy Group of Institutions, Prof. (Dr.) Jogeswari Rout, Principal of Synergy Institute of Technology, Bhubaneswar, Prof. Chitrasen Jagatdeo, Director (Admin), Prof. (Dr.) Ajay Kumar Swain, Director of the institute, all HODs, Akshay Padma Mohapatra, President of Alumni Association, Saibal Sinha, Vice President and Amresh Nanda, Secretary of Alumni Association of Synergy Institute of Technology Bhubaneswar. 23 alumni out of 65 shared their experiences with the students. It was a highly interactive session.



### Student Achievements at Synergy, Bhubaneswar

- The first prize at BPUT Project Exhibition 2023 held at GIFT Bhubaneswar, was bagged by the project titled “Design and Development of a Smokeless Chullah” prepared by students of the Mechanical Engineering department namely Vishal Guru, Bismaya Prasad Maharana, Snigdha Satpathy and Parass Lenka under the guidance of Prof. (Dr.) Ramesh Chandra Nayak, Head of the Department of Mechanical Engineering at SIT, Bhubaneswar.
- The second runners up prize in Technical Quiz competition conducted at BPUT Tech Carnival 2023 was bagged by Ramiz Rahil Khan and Dibya Ranjan Senapati, (2<sup>nd</sup> year, CSE students). The award was presented to them by the VC, BPUT.
- On the occasion of “Engineer’s Day” celebration at KIIT organized by Ultra Tech Cement Ltd, the best Students award was presented to Subhasmita Sahoo (4th year), Sasmita Nayak (3rd year) and Tanmay Ranjan Behari (2nd year).

## Training Programmes Attended by the Teachers of DPS, Dhenkanal

Sl	Date	Name of the Staff attended Training	Name & Description of the Training/ Programme/ Activity conducted by HRDC, DPS Society
1	3 <sup>rd</sup> October, 2023	Mr. Satwik Pal, TGT Social Science.	Planning & Sustainable Development
2	4 <sup>th</sup> October, 2023	Mr. Nityananda Behera, PGT, Economics.	Spatial Information Technology
3	5 <sup>th</sup> October, 2023	Mr. Satwik Pal, TGT Social Science.	Plate Tectonics
4	6 <sup>th</sup> October, 2023	Mrs. Afrin Hakim, TGT, Social Science.	Mineral Resources & Power Resources
5	9 <sup>th</sup> October, 2023	Mrs. Afrin Hakim, TGT Social Science.	Human Development
6	10 <sup>th</sup> October, 2023	Mr. Satwik Pal TGT Social Science.	Climate
7	11 <sup>th</sup> October, 2023	Ms. Fast Sahoo, TGT Social Science.	Feudalism
8	12 <sup>th</sup> October, 2023	Ms. Fast Sahoo, TGT Social Science.	Crisis of Democratic Order
9	13 <sup>th</sup> October, 2023	Ms. Fast Sahoo, TGT Social Science.	Indian Politics: Trends & Development
10	17 <sup>th</sup> October, 2023	Mrs. Leela Biswal, TGT Social Science.	End of Bipolarity
11	18 <sup>th</sup> October, 2023	Mr. Nityananda Behera, PGT Economics.	Regional Aspirations
12	7 <sup>th</sup> November, 2023	Mr. Anshuman Dash, TGT Mathematics	Various Equations, Polynomials, Algebraic Identities and Their Geometrical Interpretation.
13	8 <sup>th</sup> November, 2023	Mr. Satyabrata Mishra, TGT Mathematics.	Liner Equations in Two Variables.
14	9 <sup>th</sup> November, 2023	Mr. Kaniska Swain, TGT Mathematics	Volume and Surface Area.
15	21 <sup>st</sup> - 25 <sup>th</sup> November, 2023	Mr Biswa Prasanta Sahoo, TGT Sanskrit.	Sanskrita Karyasala (Class VI - X) NEP-2020, Sanskrit Grammar, Literature)
16	4 <sup>th</sup> December, 2023	Mr. Satyakanta Mishra	Carbon Compounds
17	5 <sup>th</sup> December, 2023	Mr. Prabhat Sharma	Is Matter Around Us Pure: Purification Techniques
18	6 <sup>th</sup> December, 2023	Mr. Partha Sarathi Sahoo	IUPACN nomenclature and Esterification
19	7 <sup>th</sup> December, 2023	Ms. Jagnyaseni Jiban Dash	Force & Laws of Motion. Conservation of Momentum
20	11 <sup>th</sup> December, 2023	Mr. Abhishek Mohapatra	Electricity: Series and Parallel Combination Numerical

## Students Achievements of DPS, Dhenkanal

- Koustav Ojha- and Smruti Samrudhi, students of 10<sup>th</sup> Std bagged the champion and Runner up in the district school chess championship (under 17 category). They have been selected for State Level Competition.
- Students of Std IX-IX participated in the Quiz competition on Swacchta conducted at Dhenkanal Science Centre. The winners are: Sarodeep Sahu ( Std IX), Aditya Agarwal ( Std X), Annapurna Puhana ( Std X), Sagarika Das ( Std IX), Abhishek Pati ( Std X) DPS Dhenkanal secured the 1<sup>st</sup> position in all the 3 categories of songs (Hindi, Sanskrit, & Odia) in Bharat Vikas Parisad which was held at Town Hall Dhenkanal.
- Raghavendra Sahu of Std -I, received 1<sup>st</sup> prize and Dibyanjee Debasmita of Std- V, received 3<sup>rd</sup> prize in the District Level Odia Debate Competition.
- Muskan Mohanty (Std XXI) secured the 1<sup>st</sup> position in KALA UTSAV organized at Sapta Sajya High School on 3<sup>rd</sup> November, 2023.
- Adyasha Mishra of Std VIII secured the second position in junior group at the Odia Debate Competition organised by SIET, Dhenkanal on 19<sup>th</sup> November, 2023.
- Raghavendra Sahu of Std-I won the 1<sup>st</sup> prize in Fancy Dress Competition in Kapilash Festival, State Level Prativa Chayana and Prativa Samman-2023, organised by Micromedia Awareness.
- Our Basketball team (both Boys and Girls) participated at Sahodaya Sai International School BBSR on 22<sup>nd</sup> November, 2023.
- S Pratik of Std V, secured the 1<sup>st</sup> position in Bhagvat Gita Sloka Chanting Competition conducted by Prangyan Mission at Rotary Club, Dhenkanal. He is also selected for State Level Competition.
- Bhabesh Kumar Sahoo of Std VII bagged 1<sup>st</sup> position and Pratyush Kumar Sahoo of Std VII has bagged 2<sup>nd</sup> position in the State Level Painting competition 2023, organised by Odisha State Council For Child Welfare.
- Samrat Lenka of Std V won Silver Medal and Gold medal ( under 11) in District level Interschool Taekwondo Championship 2023 organised by District Education Office and Amateur Taekwondo Association of Dhenkanal.
- Swarup of Std II has won the Bronze Medal in Taekwondo Championship.



## Newsletter

### Daan Utsav at DPS, Dhenkanal

DPS Dhenkanal, celebrated its Daan Utsav on 3<sup>rd</sup> October to celebrate the spirit of joy of giving in a grand and elegant manner. The initiative was headed by our Principal Mr. Vijay Kumar Sahu, and students along with all the staff members. They contributed different usable items like clothes, eatable items etc. Students along with teaching fraternity contributed whole heartedly towards the noble cause. This annual ritual of sharing with the community kindles empathy and fosters an attitude of gratitude among young students.

### Inter school dance competition at DPS, Dhenkanal

“Nriyanjali,” an interschool dance competition hosted by Delhi Public School, Dhenkanal on November 5, 2023, featured Mrs. Alok Rani and Mr. Subash Chandra Swain, eminent dancers, as Chief Guests. The event commenced with a lamp lighting ceremony upon their arrival, followed by presentations of mementos and bouquets. The guests were welcomed with a captivating performance by the Indian choir, followed by a traditional Odishi dance and a presentation highlighting dance achievements. Mr. Sahu inspired the students with the words, “Music and dance are indispensable for the soul.” The competition showcased diverse dances, from tribal to Dandia, with participation from fifteen schools. Mrs. Alok Rani emphasized the significance of all dance forms for well-being. Vibrant performances filled the air, challenging the judges to select winners. Mrs. Alok Rani distributed prizes, and Mr. Sahu delivered a motivating speech encouraging students to strive for success and acknowledging the coordinator Ms. Monalisa Pradhan. The event was anchored by Ms. Omina Rajhans of English Dept. and Ms. Mamta Sahoo of Odia Dept. Ms. Bony Chanda of English Dept. concluded with a vote of thanks

### Annual Sports Day at DPS, Dhenkanal

Delhi Public School, Dhenkanal, hosted its Annual Sports Day on the 16th December 2023, creating a festive atmosphere throughout the school. The event began with a ceremonial lamp lighting by Chief Guest Sri Binod Dash, trustee Mrs. Anita Padhi, and other dignitaries, followed by a warm welcome from Principal Mr. Vijay Kumar Sahu. The sports day featured a variety of competitions including Javelin Throw, Races, Kho Kho, Kabaddi, Volleyball, Hockey, and Cricket, with students representing different houses. Students showcased their athleticism and spirit, earning points for their houses. The Chief Guest delivered a motivational speech, and prizes were awarded to individual winners and the overall winning house. The Cultural Programme included diverse performances celebrating India’s rich cultural heritage and musical talents, motivating participants with songs and showcasing dances ranging from traditional to modern. The following day, December 17, 2023, marked the second part of the Annual Sports Day with distinguished guests including the King and Queen of Dhenkanal and Mr. Manoranjan Malik, Collector of Dhenkanal as the Chief Guest, Municipality Chairperson Jayanti Patra as the Guest of Honor, and special well-wisher Adv. Subhashini Mahakud, Ex-chairman of Municipality Dhenkanal, Mr. Sunil Kumar Sharma. Additionally, our beloved Mr. Binod Dash, trustee Mrs. Anita Padhi, and esteemed Principal Mr. Vijay Kumar Sahu, along with several other dignitaries, blessed the occasion with their presence. The event commenced similarly with lamp lighting and a march past, followed by various sports competitions and cultural performances. Parents also participated in sports events like sack race and enjoyed cultural performances. The day concluded with appreciative remarks from dignitaries, acknowledging the efforts of students, teachers, and management, and congratulating the winners.



### Events Conducted at DPS, Dhenkanal



CHILDRENS DAY



SPELLBEE



CONSTITUTION DAY





Start up Yatra 2023, a boot camp was organized at Synergy, Dhenkanal by Start Up Odisha in association with AIC, SOA foundation on 10/11/23.



Dignitaries on the dais during the paper presentation at ISTE Student chapter ,Synergy,Dhenkanal



A 2 week Entrepreneurship Development Program was inaugurated at Synergy, Dhenkanal organised by ED cell Synergy in association with Institute of Entrepreneurship Development Odisha.



Department of CSE hosted an incredible programme of “C Marathon” and Seminar on the “Concept of C Programming” at Synergy, Dhenkanal Conference Hall on 13/12/2023.



A 2 days training programme has been conducted by Odisha Custom's Brokers' Association, Sponsored by MSME Odisha, on “Entrepreneurship & Skill Development in Import/Export and Logistics” from 17th -18th Oct 23 at Synergy, Dhenkanal.



Zonal Level Polyfest 2023-24 was organized by DTET supervised by BOSE, Cuttack from 22nd - 23rd Dec 23. 48 students of SSE, Dhenkanal had participated & won 10 medals in different events.

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