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The Quarterly Newsletter

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Celebrating

24

Glorious
Years

Synergy Group of Institutions

Message from The Chairman.....



Absolute Success is Luck. Relative Success is Hard Work.

While we can't deny the importance of luck, everyone seems to have this sense that hard work really does make a difference. So what is it? What determines success? Hard work or good fortune? Effort or randomness? We all understand both factors play a role, but a better answer is "It depends." Here are two ways I look at the issue.

Absolute Success vs. Relative Success

One way to answer this question is to say: Luck matters more in an absolute sense and hard work matters more in a relative sense.

The absolute view considers your level of success compared to everyone else. What makes someone the best in the world in a particular domain? When viewed at this level, success is nearly always attributable to luck. Even if you make a good initial choice—like Bill Gates choosing to start a computer company—you can't understand all of the factors that cause world-class outcomes. As a general rule, the wilder the

success, the more extreme and unlikely the circumstances that caused it. It's often a combination of the right genes, the right connections, the right timing, and a thousand other influences that nobody is wise enough to predict.

Then there is the relative view, which considers your level of success compared to those similar to you. What about the millions of people who received similar levels of education, grew up in similar neighborhoods, or were born with similar levels of genetic talent? These people aren't achieving the same results. The more local the comparison becomes, the more success is determined by hard work. When you compare yourself to those who have experienced similar levels of luck, the difference is in your habits and choices.

Absolute success is luck. Relative success is choices and habits.

There is an important insight that follows naturally from this definition: As outcomes become more extreme, the role of luck increases. That is, as you become more successful in an absolute sense, we can attribute a greater proportion of your success to luck. Thus we cannot control our luck—good or bad—but we can control our effort and preparation. Luck smiles on us all from time to time. And when it does, the way to honor your good fortune is to work hard and make the most of it.

(Binod Dash)

Chairman & Managing Trustee, Synergy Group of Institutions

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DHENKANAL



BHUBANESWAR

National Workshop on “Industrial Application of Robots” at Synergy, Dhenkanal

Department of Mechanical Engineering organized a one-day national workshop on “Industrial Application of Robots” on 5th January 2023. Er. Saroj Behera, Technical Head, Robogenesis Bhubaneswar was the invited speaker. He explained the various components of Automatic Guided Vehicles (AVG) and Robotic Buggy which has been designed especially for Automation in industries. At the end of the workshop students designed and fabricated an agriculture-based robot which can detect the soil quality and shall be beneficial for the farmers.



National Workshop on “Energy Efficiency & Energy Saving in Educational Institutes and Industrial Sectors” at Synergy, Dhenkanal

Department of Electrical Engineering organized a one-day workshop on “Energy Efficiency & Saving in Educational Institutes and Industrial Sectors” on 25th Jan 2023. Dr. Ratan Mandal Department of Energy Studies, Jadavpur University was the Chief Guest of the program. Among the other invited guests were Er. C.K.Barick, Director of ANVIANAYA Engineering. & Constructions, Bhubaneswar and Er. Rakesh Naskar Consultant & Director SARN Solar Solution Pvt. Ltd.



Entrepreneurship Awareness Programme at Synergy, Bhubaneswar

Synergy Institute of Technology, Bhubaneswar organized an Entrepreneurship Awareness Programme on 31st January 2023. Chief Guest of the event was Sri Nawal Kishore Singh General Manager of District Industries Centre (DIC), Cuttack of MSME Department, Government of Odisha, Dr. Ayaskant Mohanty, General Manager of District Industries Centre (DIC), Cuttack of MSME Department, Government of Odisha; Mr. Piyush Mohanty, Guests of Honour, Mr. Rajendra Kumar Swain Retired General Manager from Canara Bank and presently working as Chief Consultant at Annapurna Finance Pvt. Ltd. Chairman & Managing Trustee, Sri Binod Dash, Dr. Jogeswari Rout; Principal, Prof. Chitrasen Jagatdeo, Director (Admin); graced the Dias.



Motivational Programme at Synergy, Dhenkanal

An enthusiastic Motivational Session was enlightened by eminent speakers Shri G.S. Murthy, Academician and Social Activist and Commander V.K. Jaitley, National Coordinator at Youth4Nation, Ex Commander Indian Navy on 3-3-23. The session reached actualization with the gracious presence of Professor Dr Damodar Acharya, the Former Director of IIT-Kharagpur, Former Chairman of All India Council for Technical Education (AICTE), New Delhi and Former Vice-Chancellor, Biju Patnaik University of Technology, Rourkela.



Resonance 2023 Celebrated at Synergy, Dhenkanal

The Department of Electrical Engineering celebrated its Society function “Resonance 2023” for one day on 22nd March 2023 in the college premises. Er. Arup Ratan Ghosh, Deputy Manager, OPTCL was the chief guest of the function. Er. Somyarani Behera, Assistant Manager, OPTCL was the guest of honour. There were 15 events organized and the total number of participants of all semesters were 96. The inaugural speech was given by Director Dr. P.K. Nayak and welcome address by Prof. S.S.Pati, HOD. Prof. (Dr.) L. D. Samant read out the department Annual report. Prof. S. S. Mohapatra coordinator proposed the vote of thanks.



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International Women's Day Celebration at Synergy, Dhenkanal

International Women's Day was celebrated by Synergy Group of Institutions on 10.03.2023. The session was graced by Ms Bandita Rani Pandey (Mea Diva Fashion), Ms Manasi Prusty (Om Gayatri Jute Cluster), Ms. Swagatika Sahu (Senior News Anchor, News 18 Odia), Ms Anwesa Rout (Food gala). Principal Dr Itishree Mohanty has given the welcome address. Prof. Kalpana Sahu, Convener has delivered a talk on the theme. Dr J. Singh proposed the vote of Thanks. The session was moderated by Prof J. Momin.



International Women's Day Celebration at Synergy, Bhubaneswar

International Women's Day-2023 was celebrated at Synergy, Bhubaneswar on 11th march 2023. The event was chaired by Dr. Minati Behera and Dr. Jyotsna Mishra as the Chief Guest. Prof. (Dr.) Jogeswari Rout; Principal, SIT; Er. Dharanidhar Sahu, Principal, SPB; Prof. (Dr.) Ajay Kumar Swain, Director, SIT; Prof. Chitrasen Jagatdeo, Director (Admin) graced the Dias. The students performed dance and song in the celebration. The event was focused on the womanhood and its contribution towards the society in different ways.



Snapshots of activities at Synergy, Dhenkanal & Bhubaneswar



Project Presentation at Mini Stadium by Synergy, Dhenkanal at the Entrepreneurship Week Celebration



Annual Athletic Meet 2023 at Synergy, Bhubaneswar



National Science Day Celebration at Synergy, Dhenkanal



Student Induction Programme at Synergy Dhenkanal & Bhubaneswar

Event/Seminar/Workshop/Conclave attended by the Staff of Synergy, Dhenkanal & Synergy, Bhubaneswar

Dr. J. Singh of Synergy, Dhenkanal successfully completed the 5-day Online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 6th February to 10th February 2023.

Dr. J. Singh of Synergy, Dhenkanal successfully attended 2 days National seminar on “Functional Materials for Emerging Technology FMET-2023 at Silicon Institute of Technology scheduled on the 39th annual convention of Odisha Physical Society dated 11th and 12th February-2023.

Dr. J. Singh of Synergy, Dhenkanal successfully completed the 5-day Online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 20th February to 24th February 2023.

Mr. Rashmi Ranjan Mohanty, Asst. Professor of Computer Science and Engineering Department at Synergy, Bhubaneswar attended one day seminar “Art of writing and publishing research paper in scholarly journal” organized by department of Business Management, CGU, Bhubaneswar on 4th March 2023.

Paper Published by the Staff of Synergy, Dhenkanal & Synergy, Bhubaneswar

Dr. Subhakanta Dash, Dr. Itishree Mohanty, and Prof. Rudra Prasanna Nayak of the Department of Chemistry of Synergy, Dhenkanal have published two Scopus indexed research papers titled “Cost-Effective Use of Industrial Fly Ash Waste in Residential Wastewater Treatment” and “A multifunctional and sustainable pavement material: pervious concrete.” in the Asian Journal of Water, Environment, and Pollution and Journal of Solid Waste Technology and Management respectively

Priyabrat Pradhan, Abhilash Purohit, Itishree Mohanty, Hemalata Jena, Bibhuti Bhusan Sahoo published a research paper on “Erosion Wear Analysis of Coconut Shell Dust Filled Epoxy Composites Using Computational Fluid Dynamics and Taguchi Method” in Journal of Mechanical Engineering Science Part C.

Abhilash Purohit, J Dehury, LN Rout published a research paper on “A Novel Study of Synthesis, Characterization and Erosion Wear Analysis of Glass-Jute Polyester Hybrid Composite” J. Inst. Eng. India Ser. E (2023).

Dr. Ramesh Chandra Nayak, Abinash Sahoo, Ajit K. Senapati, Manmatha K. Roul, Krutibash Khuntia, Experimental study of fluid flow properties at exit of the heated tube subjected to natural convection heat transfer, Materials Today: Proceedings, 2023, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2023.03.165>.

Chandrika Samal, **Dr. Ramesh Chandra Nayak, Manmatha Kumar Roul, Diptikanta Das, Ramanuj Kumar**, A comprehensive review on performance evaluation methods of biomass cook stoves, ISBN: 9781032281933, 2023 by CRC Press. 408 Pages 134 B/W Illustrations.

Chandrika Samal, **Dr. Ramesh Chandra Nayak, Manmatha Kumar Roul, Diptikanta Das, Ramanuj Kumar**, Performance evaluation of an improved biomass-fired cook stove: a comparative analysis, ISBN: 9781032281933, 2023 by CRC Press. 408 Pages 134 B/W Illustrations.

Dr. Ramesh Chandra Nayak, Debashree Padhi “Basics of Automobile Engineering” A Textbook, LAP LAMBERT Academic Publishing, Republic of Moldova, Europe. ISBN: 978-620-5-52907-2.

Achievement by the Staff of Synergy, Dhenkanal & Synergy, Bhubaneswar

Prof. (Dr.) Jogeswari Rout, Principal, Synergy, Bhubaneswar was Invited as ‘Guest of Honour’ in the National Seminar “My Culture -My Identity” organised by Prajapita Brahmakumari Ishwariya Vishwa Vidyalaya, Cuttack on 12th March 2023.

Dr. Ramesh Chandra Nayak received Pride of India Award by Socially Point Foundation, Approved by NITI Aayog, Govt. of India, Ministry of MSME, Govt. of India, Regd No: MP-04-0002760, Certificate No: PIA-01-2958. For Irrigation Project.

Dr. Ramesh Chandra Nayak selected as Editorial Board Member” for “International Design Conference for the contribution and honourable achievement in innovation Research

New Joining at Synergy, Bhubaneswar

Prof. (Dr.) Ajaya Kumar Swain joined Synergy Institute of Technology, Bhubaneswar as HOD of the Department of Electrical Engineering on 1/03/23 and now serving as the Director of the institute. He is having Ph.D. (Elect. Engg.), MTech (PSE), MBA (HR & Finance), FIE, LMISTE with 32 Yrs. of Teaching Experience. Under his supervision 3 PhD Scholars are currently doing research.



Seminar/Workshop/Conference Attended by the Teachers

Sl.	Date	Name & Description of the Training/ Programme/ Activity conducted by HRDC, DPS Society
1	17 th & 18 th January, 2023	Mrs. Anupama Rout, TGT Social Science attended the Online “Cambridge Led Professional Development Programme” on 17 th & 18 th January. 2023
2	2 nd March, 2023	Ms. Anmol Moti, PRT attended the Online Training on “Best Practices in The Teaching of Primary School EVS And Maths”
3	3 rd March, 2023	Mr. Soumya Raj Sinha, TGT Science attended the Online Training on “Best Practices in The Teaching of Middle School Science”

Achievements of DPS, Dhenkanal Students

Heartiest congratulations to Smriti Samrudhi of grade IX on emerging victorious in district school chess championship under 17 (Girls Group) To encourage creative expression amongst students, the ministry of education organised drawing and painting competitions in 500 different Kendriya Vidyalayas (KVs) across India on ‘Parakram Diwas’, on 23 January, 2023.

The drawing competition theme of the Pariksha pe Charcha 2023 was ‘Becoming an Exam Warrior’, based on the book written by the Prime Minister. Heartiest congratulations to Muskan Mohanty for carving a niche by bagging 2nd position in the competition conducted at KV, Dhenkanal We proudly acknowledge the participation of Bibhasindhu Barik of grade IX in the State Level Para Badminton championship.

In All India Classical and Folk dance Festival, organised by Utkalshree 2022, Arpita Priyadarshini participated in Solo Odishi Dance Polaki Keertika won the 1st prize in Odishi Dance and 3rd prize in Modern Dance at Dhenkanal got Talent.

Celebration of Parakram Diwas at DPS, Dhenkanal

Netaji Subhas Chandra Bose Jayanti, officially known as Parakram Diwas or Parakram Divas, is a national event celebrated in India to mark the birthday of the prominent Indian freedom fighter Netaji Subhas Chandra Bose. A special assembly was conducted on the eve of Netaji Subhas Chandra Bose Jayanti on the premises of DPS Dhenkanal. Esteemed Principal Sri Vijay Kumar Sahu spoke about the significance of Netaji Subhas Chandra Bose Jayanti. He along with a few teachers and students paid floral tributes to the poster of Netaji. Dressed in Netaji’s costume was Atmajyoti Sahu of Class III C and Suvradeep Panigrahi of Class VII B. They echoed the assembly with the slogans of Netaji. Annapurna Puhan of Class-IX-A conducted the morning assembly. English speech was delivered by Rudali Patnaik of Class-IX-A and a Hindi poem was recited by Jaahnvi Shah of Class-IX B. Every morning brings us new thoughts, new words, new strength and endless possibilities. So the thought for the day was said by Anshuman Behera of Class-IX-A. Sadhana Das of Class-IX-A delivered the News headlines. Scripture was said by Rupali Pattnaik of Class-IX-A. The scriptures are truly like a “pearl of great price”. When we study and immerse ourselves in the scriptures, our lives are blessed in many ways. The morning assembly ended with the National Anthem.

Study Tour by the Student of DPS, Dhenkanal

The students from prep to Class-XI undertook study tours to Science Park, Barabati Stadium, Maritime Museum, NISER, planetarium and other places for upgradation of their knowledge and satisfy their technical quotient.



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Saraswati Puja Celebration at DPS, Dhenkanal

Saraswati puja was organized in school, on Basant Panchmi. On the 26th of January 2023 puja started in the morning at 9 a.m. The whole school and cultural hall were decorated with flowers. Lord Saraswati is the goddess of intelligence, knowledge, education, harmony, art, and speech. Thus, we worship Saraswati Devi earlier initiating any good work. The Event was attended by the school principal Mr. Vijay Kumar Sahu and his wife Mrs. Prava Sahu. While the Saraswati puja was going on everyone present stood up and started singing Saraswati Vandana. After that everyone was distributed prasad.

Republic Day Celebration at DPS, Dhenkanal

Delhi Public School, Dhenkanal celebrated the 74th Republic Day on 26th January, 2023 with great fervor and zeal. The Principal Mr. Vijay Kumar Sahu accompanied by all the teaching and non-teaching staff members, unfurled the tricolor followed by the National Anthem. This entailed a short celebration including the parade marched by all the four houses, the slogan on “teen bar Harsh Dhvani” and a patriotic group song sung by the students. There was a group dance performed gracefully by the students of Grades V to VII. The Principal, Mr. Vijay Kumar Sahu delivered his speech on the occasion signifying the importance of the day. He pointed out in his speech that every citizen must remember how India transitioned from a British colony to a Republic. He urged all the students to be united and feel proud of the nation. The students of DPS, Dhenkanal, Snehashree Parida of Grade VI, Shreyashilpi Sahoo of VII, S.S Ananya of Grade VI, Amrita Priyadarshini of VI Anshit Kumar Nanda VI and Dibyangee Debashmita of grade IV delivered their speeches on ‘Republic Day’ in English, Hindi and Odia respectively. The program ended on a positive note with the vote of thanks delivered by Mr. Sushant Sahu.



Annual Athletic Meet at DPS, Dhenkanal

The Annual Athletic Meet was held on 11th of February 2023 in the DPS Campus witnessed by the SP, Mr. Gyanaranjan Mohapatra as the chief guest of the day. We also had the DSO, Mr. Pradeep Ku. Mohanty as the guest of honor. The sports flag was hoisted and the opening of the programmed was declared. A fabulous marchpast was depicted with the field inspection done by the guest with the principal. To enlighten the day, the sports torch was lit. Events such as welcome song followed by Veda chanting, dance with sports props, aerobics, final of various student events, events for parents were the attractions of the day. The day reached its peak with the distribution of prizes. The champion of each group was also awarded the best athlete medal. With the approach of dusk, the sports flag was put down and was handed over to the sports captain. The vote of thanks was delivered followed by the national anthem. The day ended having the spirit of true sportsman in heart.



International Women's Day Celebration DPS, Dhenkanal

To celebrate the importance and significance of Women in every person's life every year, International Women's Day is celebrated on 8th March. We at DPS, Dhenkanal celebrated women's day on 10th of March. It was a memorable day as it was organized by all the male teachers and the Principal Mr. Vijay Kumar Sahu. At first, a cricket match was conducted at 9:00 a.m. After that Ganesh sir along with some male teachers sang a beautiful song for female teachers. Antakshari was conducted in a different manner which everyone enjoyed. Prizes were given to the winners. The program ended with a beautiful poem wrote by Ms. Sarita Sharma, TGT Hindi.

Mahashivaratri Celebration at DPS, Dhenkanal

A special assembly was organized on this occasion, hosted by class 8-C. The assembly was conducted by Sreyas Saktismit. Our respected principal, Mr. Vijay Kumar Sahu, started the assembly with the morning prayer and it was followed by a melodious song sung by the choir group. Then the topic of Mahashivratri was explained in brief by Priyadarshini Jena. It was followed by an enlightening thought, presented by Suchismita P. Patra. Then the topic of Mahashivratri was opened even more by the class teacher of 8-C, Mr. Biswa Prasant Sahoo, he delivered his speech in the beautiful language of Sanskrit, which captured the minds and hearts of everyone there. A dance was then performed by Nancy mohanty, representing the 'Tandava' of Lord shiva. The students were then informed by Bansuri Dhal Samant of the recent news headlines. Then all the students and teachers took the pledge along with Jagyasini Swain. After the pledge, an interactive Quiz round was hosted by Prachipoorva Nayak. Then the principal gave his speech on the topic and helped the students grasp the concept of Mahashivratri. At the end of the assembly, Pradyumna Sahoo recited a scripture, and it was followed by the National Anthem.

SYNFEST 2023 & SYNSATION 2023

Annual Cultural Function
(SYNERGY, DHENKANAL)

Annual Cultural Function
(SYNERGY, BHUBANESWAR)



SYNFEST : Synergy Group of Institutions celebrated its 23rd Annual Day 'SYNFEST 2023' on January 12th & 13th, 2023 at its campus which was graced by Honorable Shri Mahesh Sahoo, Member of Parliament, Dhenkanal, Mrs. Jayanti Patra, Chairperson, Dhenkanal Municipality, Mr. Sanjay Kumar Shrivastav, General Manager Rungta Mines, Dr. Bibhudutta Mohapatra, Vice –President Corporate Communication & CSR Aditya Birla Foundation and W.C.B.S.Singhdeo, Vice –President Aeronautical Society of India & Rotary Wing Society of India .



SYNSATION : Synergy Institute of Technology and Synergy Polytechnic, Bhubaneswar celebrated the Annual Cultural Function- 'SYNSATION-2K23' on 18th and 19th march 2023. The event was a grand success. Sri B. C. Mohanty, Managing Director, ORICLEAN Pvt. Ltd as the Chief Guest; Sri Kanhu Charan Nayak, Managing Director, Subhashree Packers Pvt. Ltd. as the Chief Speaker.



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