



Darphan

The Quarterly Newsletter

Volume XIII, Issue III
Jul-Sep 2019

Celebrating
20
Glorious
Years

Synergy Group of Institutions

Synergy's Newsletter

SYNERGY, DHENKANAL & SYNERGY, BHUBANESWAR



Message From The Chairman...

Remembering Gandhiji

India is going to celebrate the 150th birth anniversary of Mahatma Gandhi the Father of our nation on October 2, 2019. He was one of the greatest human beings born on earth so far. Like Jesus Christ he was killed on a Friday by his own people for whose redemption he lived. Paying homage to Gandhiji, Einstein said, "Generations to come would scarce believe that such a one as this, ever in flesh and blood, strode upon the earth".

Now more than ever, the relevance of Gandhiji is being felt all over the over the world to pay homage to the great apostle of nonviolence.world. Domestic fury and fierce civil strife are still raging in different parts of the world and terrorism is raising its ugly head in every country from time to time. Therefore October 2, is being observed as the Nonviolence Day all over the world.

As a student Gandhi was very shy and average, but he was always truthful. As he grew in age and experience he experimented with truth and made truth the pole star of his life. He imbibed the compassion of Buddha. Truth and Non violence enormously enhanced his courage and he was able to dispel the atmosphere of fear which pervaded British India. He instilled fearlessness into the hearts of common people and sort of electrified the whole of India. In the end India won freedom through Truth and Non violence which is unique in the history of mankind. In spite of his failings, after all he was human, Gandhiji is acclaimed world wide as a Mahatma. The greatest tribute to the memory of the Mahatma would be if all nations of the world would resolve to end terror, rise above narrow nationalism and live proudly and peacefully together in the spirit of "Vasudheiva Kutumbakam".

(Binod Dash)

Chairman & Managing Trustee,
Synergy Group of Institutions

Inside the Issue...

Message from the Chairman	1	Institute Highlights	5
Technical Events	2	News from DPS Synergy, Dhenkanal	6
Beyond Academics	3	News from DPS Synergy, Dhenkanal	7
Training & Placement	4	Snippets from Synergy	8





Orientation Programme at Synergy, Dhenkanal

Orientation programme for 1st year B.Tech and lateral entry students was held on 27th of August, 2019. Principal Dr. Itishree Mohanty delivered the welcome address. Director Dr. P.K. Nayak and Vice Principal, Prof. S.S. Pati also graced the occasion and advised the students to prepare themselves according to the demand of Industries. All the Heads of the Departments introduced their respective departments & highlighted their achievements. The Programme ended with a vote of thanks by Prof. Prafulla Kumar Misra, Department of English.

Orientation Programme at Synergy, Bhubaneswar

Synergy Institute of Technology, Phulnakhara gave a grand welcome to its new batch of students from Degree and Diploma wing. The program was held on 16th August 2019. Shri Binod Dash, CMT, Er. Ajoy Sahu, Trustee, Principal Dr. Jogeswari Rout (B.Tech), Principal Polytechnique Er. Shri Dharanidhar Sahoo, Shri Chitrasen Jagatdeo, Dir(A) and Ramakant Beuria, Dean chaired the program. The students were made aware about the campus and the facilities along with the rules and regulations for examination and hostel by the respective Chiefs. Shri Binod Dash, CMT also addressed the students and told them the ways in which they should focus in their studies and life. The program ended with a vote of thanks by Ramakant Beuria, Dean(A).



Jal Diwas at Synergy, Dhenkanal

Jal Diwas was celebrated in the Institute on 22/07/2019. Executive Officer Dhenkanal Municipality Mr. Atanu Kumar Samanta was the Chief Guest and Prof. A.K. Khillar, Dept. of Botany, Dhenkanal autonomous college was guest of honour. Dr. Itishree Mohanty Principal Synergy, Dhenkanal gave the welcome address.



Guest Lecture at Synergy, Dhenkanal

A guest lecture was organized in the department of Electrical Engineering, on 12/09/2019. Er. Ayashkant Mohapatra, Deputy Manager from Jindal Stainless Steel Pvt. Ltd, Jajpur Road delivered a lecture on the topic "Operation and Maintenance of Switch gear". In his deliberation he emphasized the operation of various switch gears and all the maintenance undertaken in steel plants. About 70 students of Electrical Engineering & Electronics Communication Engineering attended the lecture.



Seminar-cum-Workshop at Synergy, Bhubaneswar

A one day Seminar-cum-Workshop was conducted by the Department of English on 27/09/2019 at the college campus on the topic "Presentation Skills and its use Business Sectors". The Chief Guest of the occasion Prof. DR. P.K Swain Former Principal, Bhadrak(Auto)College and the Guest of Honour, Rupambika Pattnaik addressed the students about the importance of English as a language of communication in the corporate world. The program was chaired by Shri Chitrasen Jagatdeo (HOD), English, Dr. Jogeswari Rout Principal, (Degree Wing), Er. Dharanidhar Sahu Principal, SPB and the Coordinator Mrinal Madhuchhanda. Students presented their papers on the topic followed by Group Discussion. Vote of thanks was given by Shri Ramakant Beuria, Dean(A).



Industrial Talk at Synergy, Bhubaneswar

Department of Computer Science and Engineering, Synergy Institute of Technology, Bhubaneswar conducted an Industrial talk on "Android Development Fundamentals" on 13/09/2019 under center of excellence by inviting expert from industry Mr. Prabin kumar Rout. All final year and pre-final year students of computer science and engineering attended the same.



Newsletter

NCC Camp at Synergy, Dhenkanal

An N.C.C. CATC-1 camp under the guidance of 12(O) Bn N.C.C., Dhenkanal was organised in the premises of Synergy Institute of Engineering and Technology, Dhenkanal campus from 1st July 2019 to 10th July 2019. A total no. of 450 cadets (both senior and Junior) participated in the camp. The camp was supervised by Col. B.J.Hazarika (Commanding Officer), C.T.O. Mr. Giridhari Muduli, Asst. Professor of Synergy, Dhenkanal was in charge of the N.C.C. camp .



Events conducted at Synergy, Dhenkanal and Bhubaneswar



Talk by Swami Keshabananda Das Brahmachari , President of ISKON , Mumbai on at Synergy, Dhenkanal



Lecture Seminar Series by Prof. (Dr.) D.P. Mishra, IIT Kanpur at Synergy, Dhenkanal



Entrepreneurship Development programme at Synergy, Dhenkanal



Motivational talk by Commander V.K. Jaitley at Synergy, Bhubaneswar



TEQIP Sponsored Art of Living programme at Synergy, Bhubaneswar



Prajapita Bramhakumari Vishwashanti Sarovar programme at Synergy, Bhubaneswar

Distinction bestowed on Sri Binod Dash

Hon'ble Vice Chancellor, Biju Pattnaik University of Technology, Odisha has been pleased to nominate Sri Binod Dash, Chairman, Synergy Institute of Engineering and Technology, Dhenkanal as MEMBER OF THE BOARD OF MANAGEMENT, OF BPUT under clause (xiv) of sub section(1) of Section 17 of the BPUT Act, 2002 and will hold office for a period of three years.



Felicitations

Sri A.K. Jena Asst. Commissioner of St. John Ambulance Odisha and member, Synergy Ambulance Division being felicitated by Governor of Odisha for his yeoman social service during Asian Games, Rath Yatra Puri and Dhenkanal, Jagar Mela, Kapilas, Chandrabhaga Mela etc and Natural calamities in the state and contribution to Swachh Bharat Abhiyan.

Training & Placement at Synergy, Dhenkanal & Bhubaneswar

During this academic year, 191 students of Synergy Institute of Engineering & Technology, Dhenkanal & 97 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, SILLICONTECH(STL)AMTEKAUTO LTD., ROTODYNE SUMUKHENG G.PVT. LTD., INDO ALUSYS INDUSTRIES LTD, E.TECH GS, PARAGON TECH TNS GLOBAL, RONCH POLYMERRANGAM INFO, PRECISION ENGG, ROTODYNE, EPITOME ENGI, RESEARCH-IN etc. The following is a list of students who have been selected by different companies in the recent campus recruitments from July to September 2019.

SYNERGY, DHENKANAL				SYNERGY, BHUBANESWAR			
DATE	COMPANY	NAME	BR.	DATE	COMPANY	NAME	BR.
08.09.2019	V-CREATE INFORMATION TECH. (P) LTD	MRIGANSHU SINGH ASHUTOSH MISHRA SAPTASIKHA PANI SUNITA PRADHAN	CSE CSE CSE CSE	16.11.2018	MICRO TURNER	SIBAPRASAD SWAIN SAMBIT KUMAR SIBANANDA PARIDA	MECH MECH MECH
14.09.2019	PANASONIC APPLIANCES (I) CO. LTD	SUBHAM DAS MANAS RANJAN SAHU MUKESH SAHOO SAURAVJYOTI PRADHAN MRUTISMARAK NAYAK SUBHRAKANTA MOHANTY JANARDAN PRUSTY ROHIT TIWARY SANDEEP OJHA JITENDRA KUMAR RASMIRANJAN MOHANTY POPULAR SAHOO LOKANATH SINGH	MECH MECH MECH MECH MECH MECH MECH MECH MECH MECH MECH MECH	18.12.2018	PARAGON TECHNOLOGY	BISAHAL BHAGAT SWARAJ KU DAS SAI KUAMR PRADHAN ANKIT DAS PARTHASARATHI NANDA	MECH MECH MECH ETC ETC
21.09.2019	SINTEX BRIGHT	MRUTYUNJAYA ROUT PINMAYA SAHOO SOU MYA RANJAN PATRA AMIT SATAPATHY	MECH MECH EE EE	29.01.2019	CMS	KAMAL KUMAR DAS PRIYADARSINI PRADHAN RAJESH BISWAL SWATISON Y TRIPATHY A.N.NIKESH R. TRIPATHY SURYAKANTA SAHANI BISWAJIT BISWAL	CSE CSE CSE CSE CSE ETC

Alumni Speaks of Synergy, Dhenkanal

One of the most interesting stages in life that gives you an opportunity to explore is the “college phase . My experience at Synergy has taught me one fundamental thing – life is unpredictable. It is a perfect blend of joy and hardships. You meet different people, you interact with them, you learn about their cultures and grow as a person.

Ashutos Rath
Senior Consultant . PricewaterhouseCoopers
Private Limited, India



My College days are unforgettable and in fact those days are the happiest & fruitful days in my life. I proudly feel that I cherished every moment of my college.

Jeet Sarbagya
Project manager
Tata Consultancy Services



One of the most interesting stages in life that gives you an opportunity to explore is the College stage. I want to thank honorable teachers for showing faith in me. My biggest learning has been here at Synergy.

Chiranjibi Mishra
Senior Analyst
Spicejet Ltd



Newsletter

Research & Development

Seminar/Workshop/Conference attended by the faculty of Synergy, Dhenkanal & Synergy, Bhubaneswar

Prof.S.S.Pati, (H.O.D., Electrical Engineering) participated in "EBSCO-IEEE Lunch & Learn-Knowledge Feast Seminar" at Mayfair Lagoon Resort, Bhubaneswar on 23-09-2019



Dr. L. Dhall Samant (Electrical Engineering) and **Prof. P.K.Nayak**, (Electrical Engineering) attended a 5 day STTP on "Renewable Energy Sources & Emerging Technologies" at NITTTR (K) Extn.Centre, Bhubaneswar on 22-07-2019 to 26-07-2019

Dr. P.K. Nayak, Director, Synergy, Dhenkanal attended workshop on "Opportunities and challenges in implementation of AICTE Internship Policy" at AICTE, New Delhi on 29-09-2019



Prof. Ramesh Chandra Panda (Mechanical Engineering) participated in "CII International Conclave Higher Education" at Kolkata

Dr. Jayashree Singh, (H.O.D., Physics) and **Dr. J.K.Mohapatra**, (H.O.D., Mathematics) attended a three day AICTE sponsored FDP from 6-07-2019 to 8-07-2019 on "Student Induction Training Program" at Siksha 'O' Anusandhan (Deemed to be University) Bhubaneswar.

Prof.Tapasi Das (Computer Science and Engineering) of Synergy Institute of Technology Bhubaneswar attended a workshop on "Artificial intelligence and business application" held on 21-09-2019 at Hotel Presidency, Nayapalli, Bhubaneswar.

Papers Published/Presented by the faculty of Synergy, Dhenkanal

Prof. Ramesh Chandra Panda (Mechanical Engineering) published a scopus indexed paper "Experimental Analysis of Heat affected zone by LBM" in International Journal of Engineering and Advanced Technology (IJEAT).

Prof. Ramesh Chandra Panda (Mechanical Engineering) published a paper "Design and Construction of a multipurpose remote controlled robotic arm" in IJAE

Prof. Ramesh Chandra Panda (Mechanical Engineering) published an International patent on "Intelligent Firefighting Mobile machine" under Intellectual Property India.

Dr. L. Dhall Samant (Electrical Engineering) published a paper in International Journal The International Journal of Analytical and Experimental Modal Analysis Vol-XI, Issue-IX, Sept-2019 on topic "A simple solution for power flow problem using Gauss Seidal method In MATLAB".

Dr. L. Dhall Samant (Electrical Engineering) published a paper in International Journal The International Journal of Analytical and Experimental Modal Analysis Vol-XI, Issue-IX, Sept-2019 on topic "Design & Construction of Remote Controlled Robotic arm"

Prof. Debasish Rout (Mechanical Engineering) presented a paper "Fabrication and study of Mechanical properties of Human Hair reinforced LLDPE composite" at 1st International Conference on Application of Robotics in Industry using Advanced Mechanisms (ARIAM-2019) on 16th August 2019.



Prof. Debasish Rout (Mechanical Engineering) published a paper "Fabrication and study of Mechanical properties of Human Hair reinforced LLDPE composite" in "Learning and Analytics in Intelligent Systems (LAIS volume-5)" book series of Springer Nature Switzerland

Dr. Subhakanta Dash (Department of Chemistry) published a paper "Characterization and utilization of coal Fly ash" in the Journal of Emerging Materials Research (A Scopus Indexed Journal).



Higher Qualification Attained by the Faculty at Synergy, Bhubaneswar

Prof. (Dr.) Srinivash Swain Department of Electrical Engineering, Synergy Bhubaneswar was awarded with PhD Degree from Biju Patnaik University Of Technology, Odisha on "Improvement Of Performance Indices Of Dynamic System Using Soft Computing Techniques".



Seminar/ Workshop/ Conference Attended by the Teachers



Mr. Jagneswar Bora, Principal & **Mr. Satyabrata Mishra**, TGT Mathematics attended PRP programme on Stress Management at Sai International School, Bhubaneswar on 24th August, 2019

Mr. Abhayananda Bihari, PET attended the Capacity Building Programme on Khelo India National Fitness Assessment Programme at Angul on 20th July, 2019 at O.P. Jindal School, Angul which was organized by CBSE- Centre of Excellence, Bhubaneswar



Achievements of Teachers of Delhi Public School, Dhenkanal

Ms. Monalisha Pradhan, Dance Teacher was awarded 'The best Dance Teacher' award with a cash prize of Rs. 15,000 by the government of Odisha for her overall performance in Odishi Dance



Achievements of Students of Delhi Public School, Dhenkanal

Navaneet India Limited organized a competition in which some students of the school bagged prizes. They are **Sreetam Mohanty of Class VIII** (Group C) awarded as District level winner and also selected for State level Competition. **Ayush Singh of Class VIII** (Group B) and **Anshita Panda of Class II** (Group A) awarded as District level winner. **Amrita Sahoo of Class X** bagged 1st in Art Exhibition (Senior), 2nd prize in Odissi Dance (Senior) and 3rd in Drawing Competition (Senior) organized by Nita Nrutyangana, Dhenkanal on its 3rd Annual Function. On the occasion of 128th Anniversary of Dr. B.R. Ambedkar on 14th April 2019, several competitions were organized and some of the students bagged prizes. They are:-**Supra Samiksha** of Class VIII 1st in Debate competition. **Muskan Mohanty** of Class VIII – 2nd in Drawing Competition. **Muskan Mohanty** of Class VIII was awarded 2nd prize in Drawing Competition organized by OSBD DANCE GROUP, Dhenkanal on its 3rd Annual function. **Muskan Mohanty** of Class VIII got 3rd prize in Drawing Competition on the occasion of Summer Fiesta- 2019. **Ahana Nanda** of Class-III received 'Raja Queen' Award, on the occasion of 5th Raja Mahotsav- 2019 organised by Goodnight Club, Dhenkanal. **Sidharth Panda** of Class-VII secured 1st position in Solo Dance on the occasion of Intangible Folk Theatre Festival Organised By "VICHAR" Bagdevi Sangeet Mahavidyalay on the occasion of its 5th Annual Function, Pratikshya -2019 organized several competitions and some of our students got prizes. They are:-**Sidharth Panda** VII bagged 3rd prize in Light Dance **Smruti Samrudhi** of Class VI bagged 3rd position in Classical Dance. **Ahana Nanda** of Class-III bagged 2nd position in Junior Classical vocal song **Ahana Nanda** of Class-III bagged 3rd position in Junior Solo Dance competition. **Sreyas Saktismit** of Class V received Gold Medal in State level Taekwondo competition held at Bhadrak in the month of May, 2019 organised by Taekwondo Association of Odisha. **Sreyas Saktismit** of Class V received Gold Medal in National level Taekwondo competition held at Lucknow on 14th, 15th & 16th June, 2019 organized by Taekwondo Federation of India. **Sidharth Panda** of Class VII bagged the 1st prize in Taekwondo competition organized by Utkal Taekwondo Association. NCC boys' troop of DPS Dhenkanal won the 1st prize held at Dhenkanal Stadium on the occasion of Independence Day celebration The Cultural troop of DPS Dhenkanal bagged the second position in the cultural event held at Dhenkanal Stadium on the occasion of Independence Day celebration District Cultural Department organized several competitions on the eve of Independence Day in which some of the students bagged prizes. The names of the students are **Muktikanta Dash** of Class XI C received 1st prize in Odia and English debate competition **Devaneeta Pradhan** of Class XI received 2nd prize in English debate competition **Rutuparna Rout** of Class XI received 3rd prize in English debate competition **Amrita Sahoo** of Class XI received 3rd prize in Odia debate competition.

Special Achievements of Students of Delhi Public School, Dhenkanal



Muktikanta Dash of Class XI was awarded with Rajiv Gandhi Prativa Samman 2019 for his extra ordinary achievement in acting on the birth anniversary of Bharat Ratna Sri Rajiv Gandhi



Sreyas Saktismit of Class V is felicitated by World Human Rights Protection Organization, Local Environment and Citizen protection organization and District Culture Department for his extraordinary achievement in all fields like sports, literary etc.

Newsletter

National Sports Day Celebration at DPS, Dhenkanal

Delhi public school, Dhenkanal celebrated the National Sports Day on 29th August 2019 as a tribute to the Hockey Legend Dhyhan Chand in its school campus. The district hockey association organized an exhibition match among the players of hockey association and students of classes IX and XII which was attended by Director Dr. Lagnijit Dash and the Principal Mr. Jagneswar Bora along with the Secretary of District Hockey Association. Also, various inter house sporting events among the students were conducted on the occasion.



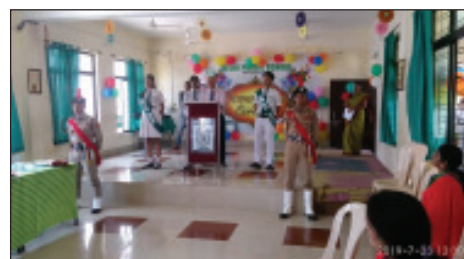
Independence Day Celebration at Delhi Public School, Dhenkanal

Delhi Public School, Dhenkanal celebrated 73rd Independence Day with great splendor, joy and respect for our country, India. The celebration commenced with the hoisting of 'Tri color' by Mr. Jagneswar Bora, Principal, DPS Dhenkanal. The placid environment was echoed with our National Anthem. The colorful parade and dance left everyone mesmerized. The spirit of freedom and nationalism was well exhibited by the students. The Principal addressed the gathering and urged the students to do their best and feel proud to be Indians. The school contingent of March-past, NCC boys', NCC girls' and a Cultural Troop went to the Dhenkanal Stadium to compete with other schools for district level competitions. Our NCC boys' troop won the 1st prize. The melodious music and graceful movements of the dancers of the cultural troop were spellbinding. The students of DPS Dhenkanal bagged the second position in the cultural event. Both the troops received the Prizes from the Honourable Minister Mr. Arun Kumar Sahoo.



Investiture Ceremony at Delhi Public School, Dhenkanal

The investiture ceremony of DPS Dhenkanal for the academic session 2019- 2020 was held on 23/07/19 with great pomp and dignity in a special ceremony at the school auditorium. The event was presided over by Retd. Wing Commander B.S. Singh Deo and the Principal Mr. Jagneswar Bora. The ceremony was held with lots of zeal and zest. The students' council took the pledge to hold the school motto "Service before self". The chief guest congratulated them and advised them to be responsible, accountable and committed towards their duties. He reminded them that with power and privilege also comes responsibility towards themselves, their school and peers. The principal Mr. Jagneswar Bora also appreciated and congratulated the students' council. The function concluded with school anthem followed by national anthem



Teachers Day at Delhi Public School, Dhenkanal

DPS Dhenkanal celebrated the Teachers' Day with great gusto and gaiety on 5th September 2019. Students from Nursery to class XII celebrated the auspicious occasion in different slots in the school auditorium. Students of class XII acted as teachers that day and executed their responsibilities as the teachers of the day efficiently. The teachers sang melodious choir and the Principal acted as the Head Boy of the school in the assembly. The occasion was graced with the presence of two eminent personalities of Dhenkanal Mr. KC Dash, the retired Commissioner Navodaya Vidyalaya and Mr. A.K. Sharan retired Principal Gopabandhu science College, Athagarh. Principal extended his hearty thanks to the school appointees and all students on behalf of all teachers for wonderful arrangements of that day



Color Day Celebration at Delhi Public School, Dhenkanal





Teachers Day Celebration at Synergy, Dhenkanal



Technical Poster Competition at Synergy, Dhenkanal



Mr. Subhakanta Roul, 3rd year CSE of Synergy, Dhenkanal receiving best student award 2019 from ISTE



Van Mahotsav Programme at Synergy, Bhubaneswar



One Student One Tree initiative at Synergy, Bhubaneswar



Swachhata hi Seva initiative at Synergy, Dhenkanal

For Private Circulation only

Advisor : Prof. Prafulla.Ku.Misra, Chief Editor: Mr. Smruti Ranjan Dash, Editor : Ms. Mrinal Madhuchhanda,
 Members : Mrs. Nita Patnaik

Synergy Institute of Engineering & Technology
Synergy School of Engineering
 N.H.-55, Dhenkanal - 759001, Odisha, India
 Tele / Fax : 06762-225905 / 226708
 Email:sietdkl@synergyinstitute.net
 website:www.synergyinstitute.net

Delhi Public School Dhenkanal
 By the side of NH – 55 bypass (Banamaliprasad)
 Dhenkanal, Odisha-759001, Phone No-06762 28663
 Email: principaldpssynergydkl@gmail.com
 Website:www.dps-synergy.ac.in

Synergy Institute of Technology
Synergy Polytechnic
 Phulnakhara, **Bhubaneswar**, Khurda, Pin -752101,
 Odisha, India, Tele / Fax : (0671) 2356150 / 2356151,
 Email : contact@synergyinstitute.ac.in
 Website : www.synergyinstitute.ac.in

