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The Quarterly Newsletter

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Celebrating
17
Glorious
Years

Synergy Group of Institutions

Message From The Chairman.....

Time To Stand United

Our country is now passing through difficult times. After the retaliatory surgical strikes carried out on the terrorist launch pads outside the Line of Control (LOC) there is tension on both sides of the border. Tensions have been further escalated by firing of heavy calibre weapons from the other side of the border. Heavily armed men attempted to storm our Rastriya Rifles Camp. The rising tide of terrorism especially the cross border terrorism and the rise of radicalization are grave challenges to our security. They threaten the very fabric of our society. Development is not possible when bayonets and bullets ring and roar. During these challenging times the safety and security of the nation is of utmost importance. The whole country must stand united behind our brave soldiers.

It is that time of the year again when the whole country worships Maa Durga, the destroyer of evil and harbinger of prosperity. I wish all our students and staff of Synergy Group of institutions a very happy and joyous Durga Puja.

Jai Hind

(Binod Dash)

Chairman & Managing Trustee,
Synergy Group of Institutions

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DHENKANAL



BHUBANESWAR

Synergy's Newsletter

SYNERGY, DHENKANAL & SYNERGY, BHUBANESWAR

National Seminar on Latest Software in Civil Engineering at Synergy, Dhenkanal

A one day workshop on “Latest software in Civil Engineering” was conducted in the conference hall of the institute by A.S.P.L, Bhubaneswar on Dt.15.9.2016. Prof. Chinmaya Kumar Mahapatra ,HOD ,Civil Engg. introduced the visiting team and discussed the latest software like ravit 3D architect, G.I.S software and discussed the use of Total station instruments There was greate enthusiasm among the students.Each student was awarded participating certificate as given by ASPL.Finally batch wise each of 7th, 5th and 3rd semester civil engineering students were taken to field for complete demonstration of Total Station.At the end of the workshop, Prof. Y. Samal had concluded the workshop by thanking the team for their presentation.



National Workshop on Application of PLC and SCADA at Synergy, Dhenkanal



A one day workshop on “Application of PLC and SCADA was organised by the Department of Electrical Engineering on 20th September, 2016. Er. K.J. Mohanta, HOD, PLC and SCADA, and Er. Sarada Prasad Biswal, Lecturer, PLC and SCADA, both from Central Tool Room and Training Centre, Bhubaneswar were the Chief Guest and Guest of Honour respectively. Both Er. Mohanta and ER. Biswal elaborately spoke about the role of PLC and SCADA towards automation of industries at this modern age. The Principal of the institute Dr. Malay Kumar Hota, advised the students to update themselves with the new and advanced technology and apply them in the real fields to take our country forward. Prof S.S Pati, HOD of the Department delivered the inaugural speech and Prof L.Dhall Samant delivered the vote of thanks. There were about 80 number of students who participated in the workshop. The workshop was very interesting and appreciated by all corners

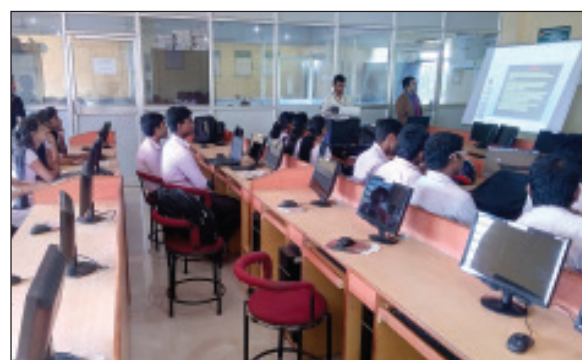
National Seminar on AutoCad & CATIA at Synergy, Dhenkanal

Department of Mechanical Engineering conducted a Workshop on ‘AutoCad & CATIA’ on Dt. 30/09/2016 in association with CTTC, Bhubaneswar at the Conference Hall of SIET, Dhenkanal. The Workshop was inaugurated by Dr. M. K, Hota, Principal & Dr. B. B. Sahoo, Head, ME. The Programme was coordinated by Mr. P. Pradhan (AP, ME). The topic was elaborated by Mr. S. Barik, (CADD Engineer) & Mr. Arvind Chaterjee, (CAD Engineer)was spoke about the importance of software based Mechanical design on AutoCAD & CATIA. The programme ended with a vote of thanks by the Department CAD coordinator.



National Seminar on Implementation of Advance Java on chat Server at Synergy, Bhubaneswar

On 15/09/2016 a departmental seminar was organized by CSE Department with Buzz word software and Engg. Solution Pvt Ltd on “IMPLEMENTATION OF ADV JAVA ON CHAT SERVER” Mr. Biswaranjan Sarangi, Head, Dept of CSE who was instrumental in organizing the seminar was present and impressed upon the students who explored the opportunity in implementation of Advance Java.



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Lecture Seminar Series at Synergy, Dhenkanal

In the 1st Lecture seminar series the seminar talk was delivered by Er. Arka Prasanna Routray ,Senior Consultant at KPMG Global services on “ An Open Space for Alumni” indicating the traditional ideology regarding campus/off campus drive and latest jobs and trends in market for Telecom/IT sectors on 30.7.2016

In the 2nd Lecture seminar series the seminar talk was delivered by Prof H.K.Mishra, (Corporate Trainer and Academician (Quality Circle/SQC/VE/ Training/HRD/Administration) on “Roadways To Excellency” on 31/08/2016.

In the 3rd Lecture seminar series the seminar talk was delivered by Er. Sourabh Kumar Roy, Manager TATA Steel, Jamshedpur on “ How to crack job interviews” on 21.09.2016.



Guest Lecture organized by Dept. of Electrical Engineering at Synergy, Dhenkanal



Guest lecture class was conducted on dated 26th sept, 2016 in Conference hall. Er.Jitendra Navin Chandra, General Manager Electrical and Er. Ananta Mocherla, Manager,JSPL Angul were invited to speak on Power Systems Generation, Distribution & Protection systems in JSPL. The programme was conducted for 7th & 5th sem Electrical Engineering students. Both the speakers presented very systematically and interacted with the students for about two hours. The programme was inaugurated by Dr. Malaya Kumar Hota,Principal. HOD Prof.S.S.Pati delivered he welcome address and Asst.Prof. P.K.Nayak gave the vote of thanks.The programme was very successful.

Orientation Programme at Synergy, Dhenkanal

Welcome ceremony of freshers was held in the premises of Synergy Institute of Engineering & Technology, Dhenkanal on 16.09.2015. Principal Dr.M.K Hota presided over the meeting. Among others Mr. Binod Dash, Chairman & Managing Trustee, Er. Ajay Sahu, Trustee attended the meeting. Prof. Prafulla Ku. Mishra, Professor of English delivered the welcome address. Er. Sahu advised the students to fit into the existing system of education. Principal Dr. Hota introduced all the Heads of the Deptts and all Heads of Offices to the parents and freshers. Heads of the Deptts. spoke about the facilities available in their respective departments. Dr. Itishree Mohanty, Controller of Examination explained the system of BPUT examination. Mr. Sasank Sawan and Ms Tapaswin Patra students of final year welcomed the freshers and narrated their experiences in the institute and wished the freshers a bright future. Chairman & Managing Trustee Mr. Binod Dash said that there are a lot of avenues for engineers in the country and abroad.



Orientation Programme at Synergy, Bhubaneswar

Orientation Programme of SIT, BBSR was held on 17/08/2016 in the college premises. The guests who graced the occasion on the dais were CMT, Shri Binod Dash, Trustee, Er.Ajay Sahu, Principal, Dr.L.N Patra, Director(Admn.) Prof. Chitrasen Jagatdeo, Director(R&D) Dr. P.L Nayak and Dean (A) Prof. Pankaj Dash. The students along with their parents attended the programme and made it a grand success.



The MoU Signing Ceremony of Synergy Group of Institutions and Reliance Jio Infocom Ltd at Synergy, Bhubaneswar.

The MoU Signing Ceremony of Synergy Group of Institutions and Reliance Jio Infocomm Ltd was held on 29/09/2016 at Synergy Institute of Technology, Bhubaneswar. The occasion was graced by CMT, Shri Binod Dash, Vice President of Reliance Jio Infocomm Ltd. , Mr. R.V Balasubramaniam Iyer, Head of Odisha, Reliance Jio Infocomm Ltd. Mr. Pradeep Rout, Principal of SIT, Bhubaneswar Prof. Dr. L.N Patra, Principal of SIET, Dhenkanal, Prof.Dr. M.K Hota, Coordinator of Reliance Jio Traning center Prof P.K. Nayak HOD EL & TC , Synergy, Dhenkanal, Director(Admn) of SIT, Bhubaneswar Prof.Chitrasen Jagatdeo. All staff from both the institutes attended the function and made it a grand success. The welcome address was given by the Principal of SIET, DKL and the briefing of the Synergy Group was done by the Principal of SIT, BBSR. The CMT addressed the gathering which was followed by the address of Mr. Pradeep Rout and then by Mr .Iyer who promised to extend all support for increasing employability. Vote of Thanks was rendered by Prof. Chitrasen Jagatdeo and the programme ended successfully.



Suryamitra Skill Development programme at Synergy, Bhubaneswar



Suryamitra Skill Development programme started on dated 29-06-16 till 28-09-16. Thirty students took part in this programme. Three industrial tours were arranged First they visited Vivacity Renewable Energy Pvt. Ltd, Ugratara on dated 30-08-16 and then MGM Greens, Ugratara on dated 17-09-16 and finally they had visited OPTCL training center, Chandaka for four days. All the students took part in all the industrial visit and the programme was a grand success.

Training & Placement at Synergy, Dhenkanal & Bhubaneswar

In this academic year, 140 students of Synergy Institute of Engineering & Technology, Dhenkanal & 54 students of Synergy Institute of & Technology, Bhubaneswar got placed in reputed corporate organizations like **AMTEK AUTO, SYNAPSE, HCL TSS-LEAP, HIRE MATEX, IAC ENGINEERING AND AKUVA ENGG. PVT LED** etc. The following is a list of students who have been selected by different companies in the recent campus recruitment from January to June 2016.

SYNERGY, DHENKANAL				SYNERGY, BHUBANESWAR			
DATE	COMPANY	NAME	BR.	DATE	COMPANY	NAME	BR.
11.09.2016	AMTEK AUTO PUNE	SHAHBAZ SIDDIQUE	MECH	05.03.2016	AKUVA ENGINEERING PVT(LTD)	SAGAR KU SAHOO	ME
		SUBHASHREE SAHOO	MECH				
		AKASH KUMAR YADAV	MECH	12.03.2016	IAC ENGINEERING	AMIT KUMAR	ME
25.09.2016	SYNAPSE INDIA	SAMIDHA	CSE	21.03.2016	HIRE MATRIX	PRIYABRAT TRIPATHY SANKET PATNAIK	EEE ME
		PRATIVA KUMARI	ETC	13.04.2016	HCL TSS-LEAP	AROSHREE SAHOO ASIF AKRAM BIPUL SUNDAR SAHOO DIPTI RANJAN NANDA SANKET PATNAIK SIDDHARTH SNKAR PANDA KRUSHNA PRASAD SAHOO AMLAN APARAJAYA DAS PRIYABRAT TRIPATHY	ME CSE ME EEE EE ECE CSE EEE EEE
		SOURAV SINHA	ETC				
		KALYANI MOHAPATRA	ETC				
SUJIT KUMAR ROUL	EE						

Newsletter

Research & Development

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



Mr. Smruti Ranjan Dash Asst. Prof Department of Computer Science & **Mr. Sidharth Dash** Asst. Prof Department of Computer Science attended a short term course on “OOP using Python & RDBMS” from 25th July to 29th July 2016 at Vasari College, of Engineering Hyderabad

Mr. Rabi Kumar Panda of Electrical Department attended a short term course on **ADVANCED IMAGE PROCESSING SOLUTIONS EMERGING CHALLENGES IN MEDICAL APPLICATIONS (AIPSECMA-2016)** from 25 to 26 Sep 2016 at NIT Rourkela.



Mr. S. Abinash HOD, CSE, Synergy, Dhenkanal & **Mr. B. Sarangi** HOD, CSE, SIT Bhubaneswar attended a one day workshop conducted by IBM at Bangalore on 28.9.2016. The focus of the workshop was initiative by IBM for Academic Collaboration



A research paper in the title of “**Design and performance improvement of three dimensional optical code division multiple access networks with NAND detection technique**” was published by Mr. Satyasan Panda, (HOD, ECE, SIT, BBSR) in the journal of **computer and information engineering, International Science Index, WASET, vol.10, No.10, October 2016**

Paper Published/ Presented (Synergy, Dhenkanal & Bhubaneswar)



Mr. Barada Pr. Mohapatra, Sr Lecturer, Department of Management, **Published a paper “Customer Satisfaction in Public Distribution System: A study in Bhadrak District Odisha”, IUP Journal of supply chain Management , Vol-XIII, Issue-2, 2016 .**

Paper by **P.K. Nayak** professor and **HOD of ETC**, **B.N. Sahu**, **S.S. Pujari**, Parameter estimation of nonstationary power signals using an advanced signal processing technique, International Journal of Power and Energy Conversion, Inderscience Publications, U.K., 2016. (Accepted in April 2016).



Expert Talk

Dr. Malaya Kumar Hota (Principal, Synergy Institute of Engineering & Technology, Dhenkanal) delivered an expert talk on “**Genomic Signal Processing**” for three hours on 14th September 2016 at NIT, Surat on TEQIP-II sponsored one week STTP on “**Emerging Trends in Signal and Image Processing**”



Achievements of Students at Synergy, Dhenkanal



Jyoti Ranjan Sahoo student of Ist year Computer Science and Engg. stood 3rd in the Oriya debate competition held on 27.09.2016 on the occasion of World Tourist Day



Assumption of Charge

Dr. L.N. Patra assumed the charge of the office of principal, Synergy, Bhubaneswar on 08.09.2016. Dr.L.N.Patra completed his PhD from N.I.T, Rourkela.

Seminar/Workshop/ Conference Attended by the faculty Delhi Public School, Dhenkanal



Ms. Subhashree Mohanty, Teacher and Ms. Anupama Rout, Teacher attended the **Enrichment Programme for teachers teaching English from Class I to III** at DPS Nacharam, Secunderabad from 22nd to 24th August' 2016.



Teacher's Day Celebration at Delhi Public School, Dhenkanal

The day started with offering prayers and garlanding the great Dr. Radhakrishnan. The distinguished guests got together to light the lamp which was accompanied by Veda Chanting by the students. The principal for the day (Head Boy) Sambit Kar started the prayer, which was followed by a welcome address by the Head Girl of the day (Principal Madam) who also did the commanding for the special assembly conducted by teachers which had the regular activities like passages, news, thoughts and scripture and also some special entertainment programmes conducted by teachers and students together. A short skit 'Not my Problem' was enacted by students of Std. IX which conveyed the message of unity and team spirit. A ramp show representing the different regions was also staged to express the Unity in diversity. The chief Guest and Guest of honour inspired the students with their words of wisdom. The day ended with vote of thanks by Ayushman Jena followed by the National Anthem.



Hindi Divas at Delhi Public School, Dhenkanal



Hindi Divas was celebrated on 14th September' 2016 after following a '**Hindi Pakhawada**' of a fortnight. On the final day that is 14th September, a **Kavi Sammelan** was organized in which students of Std. VI - IX participated. The Principal addressed the students and pointed out the importance of Hindi as a language. The Hindi Department got together to inspire the students and instill the awareness and importance of the national language in them.

Achievements of Students of Delhi Public School, Dhenkanal

Debonita Pradhan of Class VIII secured 1st position in senior level and **Rahul Mishra** of Class VII got 2nd position in Translation competition and **Supriya Mallick** of Class IX got 2nd position in poem recitation organised by Art and Craft Department of Odisha Sahitya Academy. **Ayushman Jena and Sambit Kar** of Class IX bagged 2nd position in science exhibition organised by Socio cultural Development Center, Odisha on 5th August' 2016. **Smruti Samrudhi Das** of Class III secured 1st position in under 8 Chess Tournament organised by Triple 'C' All Odisha Women's Chess tournament, held on 13th to 14th August' 2016. Our school bagged **3rd position in patriotic group song** and **1st position in cultural programme** organised by District Information and Welfare Department, Dhenkanal on the occasion of Independence Day. On Independence Day a Sit and Draw competition was organized by Dist. Science Centre, Dhenkanal where **Shradha** of Class IV got 2nd prize **Ramashraya Sahu**, Class IV and **Muskan Mohanty**, Class V got the special prizes in Senior Group and in Junior Group **Abhilas Khatua** of Class III bagged the 3rd prize.

All Odisha Chess Association organized a Chess Tournament from 27th to 29th August' 2016 where **S.P. Syryapranjal Indrajeet** of Class V bagged 2nd position in Under-13 group and **Smruti Samrudhi Das** bagged 3rd position in Under- 9 category.

In various Drawing Competitions, our student **Muskan Mohanty** of Class V bagged a no. of prizes. These are - she got 3rd position in the competition organized by LIC on the eve of Diamond Jubilee Insurance Week, **1st position in the competition organized by Sambad Newspaper** on 11th September' 2016 and **2nd position in the competition organized by Samaj Newspaper** on 25th September' 2016 at St. Xavier's High School. **Subhrasmit Pariksha** of Class IV has bagged 4th position in Drawing Competition organized by Samaj Newspaper on 25th September' 2016 at St. Xavier's High School.

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Van Mahostav at Delhi Public School, Dhenkanal

On 4th of July' 2016, Delhi Public School celebrated the 67th Van Mahotsav at its campus. Eminent person like Honourable Minister Labour & Employees State Insurance, Steel and Mines Shri. Prafulla Kumar Mallik Smt. Roopa Roshan Sahoo (IAS), Ms. P.Purnima (IFS) ACFI/c (Hindol Range), Sri J. N. Das (OFS), Asst. Conservator of Forests, Sri M. Pattanaik (OFS) Asst. Conservator of Forests, Sri Pradyumna Rath (Honourable Wildlife Warden, Dhenkanal) Sri Binod Dash, Pro-Vice Chairman, DPS Dhenkanal, Smt Deepanwita Das, Principal, DPS Dhenkanal graced the programme. The programme began with ceremonial planting at campus followed by an inaugural speech by Sri P.K. Sahoo (OFS). The distinguished

Guests shared their inspiring thoughts with the students. They made students aware of the importance of plantation and how plants are our lifeline. Honourable Minister said "To make our environment balanced the best way is to plant trees. It is the moral duty of every individual to plant and protect trees." The Principal DPS, Dhenkanal encouraged students to protect trees which play a vital role in maintaining the ecological balance and advised the students to plant one tree on each birthday, Thereafter there was the Prize distribution Ceremony where the Biju Pattanaik Awards for forest protection and conservation were given to the deserving awardees. The awardees are Maa Andhari Eco Development Committee, Dhenkanal, Mahuli Vana Saranksyana Samitte, Kamakshyanagar and Alusing Vana Samranksyana Samitte, Hindol. The award amount of Rs. 20,000/- was given to each Samitte. The programme ended by a vote of thanks by Mr. A.K. Jena, Security Officer, S.I.E.T., Dhenkanal.



Science Awareness Programme at Delhi Public School, Dhenkanal



Mr. Nihar Ranjan Acharya, Founder and Director, TRUST organized a Science Awareness Programme "Building a Scientific Mind" in the campus of DPS, Dhenkanal on 21st July' 2016. Distinguished dignitaries like Prof. Dhaneswar Sahoo, Retired Professor of Philosophy, B.J.B. Autonomous College and a Sahitya Academy Awardee, Prof. (Dr.) Prafulla Kumar Mohanty, P.G. Department of Zoology, Utkal University, Dr Jyotshna Mohapatra, Retired Professor of Chemistry, Regional Institute of Education, created awareness among the students of Standard VI – IX and evoked their scientific temper. They enlightened the students with their profound knowledge on the topic. Prof. Dhaneswar Sahoo, a Sahitya Academy Awardee mentioned in his speech, 'All animals

adapt to the environment on their own where as man being the most intelligent among all is helpless as a child'. The session ended with a brain storming quiz on 'Science on Scientific Temper', conducted by Prof. (Dr.) Prafulla Kumar Mohanty. A very informative video 'Magic's Greatest Tricks Finally Revealed' was displayed to the students.

Independence Day Celebration at Delhi Public School, Dhenkanal

Independence Day was celebrated with great enthusiasm at DPS, Dhenkanal. The ceremony started at 7:45 am in the school ground with a large crowd of staff, students and parents. Principal, Ms. Deepanwita Das was escorted by the school band. To commemorate the sovereignty of our nation, Principal unfurled the flag which was followed by unanimous singing of the national anthem. Master Yagnik Yogant Mishra of Std. IX and Master Shreyas of Std. VII expressed their deep patriotic feelings in Hindi and English speech respectively. Riya Rath and Shreya Rath of Std. VII did the compeering and commentary for parade. The programme concluded with vote of thanks by Master Yagnik Yogant Mishra.





Honourable Minister Labour & Employees State Insurance, Steel and Mines Shri Prafulla Kumar Mallik in the Vana Mahotsav Program at Delhi Public School, Dhenkanal



Smt. Roopa Roshan Sahoo District Magistrate, Dhenkanal Planting a sapling on the occasion of Vana Mahotsav



Students and Staff on taking Oath ceremony of Swachha Bharat Pakhada at Synergy Dhenkanal.



Felicitation to Mr. A.K.Jena in Installtion ceremony of Rotaract in Synergy Dhenkanal



Drawing competition among students of Synergy Dhenkanal Occasion –Swachha Bharat Pakhada



Observance of Vana mahotsav at Synergy Dhenkanal Ms. Dhvani Gandhi Dash Planting a sapling

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