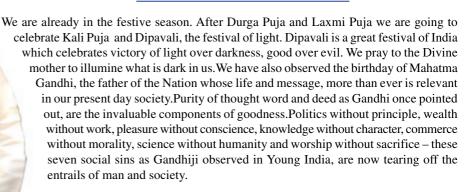






Synergy Group of Institutions

Message From The Chairman..... Make work a Celebration



There is appalling absence of goodness in society, Gandhiji categorically asserted that everyone has the right to live, dress, house and feed and that bereft of these elementary rights, goodness is a myth.Although evil seemed at times to rule the world, the eternal truth is that the world survived so long as goodness resided even in some persons. Love, as Gandhi pointed out is the hall mark of goodness. It is love that crowns the meaning and glory of goodness and truly, goodness stands for truth, non-violence and love.

I wish all members of Synergy family to live up to the ideals of Gandhiji and be good human beings.

Jai Hind

(Binod Dash)

Chairman & Managing Trustee, Synergy Group of Institutions

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Newsletter

National Workshop on "A Practical Approach for solving Power Engineering Problems" at Synergy, Dhenkanal

A National Workshop on "A Practical Approach for solving Power Engineering Problems" was organized by department of Electrical Engineering on 15.09.2017 at its conference hall. Chief Guest Dr. Jitendra Kumar Das, Asso. Prof. of KIIT University inaugurated the programme. In his address he highlighted the need of MATLAB software in solving the Engineering problems. Er.R.S.Chouhan of CTTC attended the programme as guest of honour. He spoke about the automation carried out in Industry. Principal of the Institute Dr. Itishree Mohanty spoke on the occasion and advised the students to extract maximum knowledge from the workshop. HOD of the Department Mr.S.S.Pati gave the welcome address and explained the importance of MATLAB in Electrical Engineering. Dr.L.Dhallsamanta Prof. of the department also spoke on the occasion. ConvenorMr.R.K.Mahanta proposed the vote of thanks. Faculty members and students from different Engineering Colleges attended the programme





Workshop on "Aerospace Modeling" at Synergy, Dhenkanal

One day National workshop on aerospace modeling was organized by Mechanical Engineering Department on 23rd September 2017 at SIET Dhenkanal in the conference hall. Prof. Dr. D. P. Mishra (IIT) Kanpur was the chief guest. Dr. D. P. Mishra elaborated the details about the role of engineers and aerospace engineering. H.O.D Electrical Prof S.S. Pati advised the students about career aspects in aerospace modelling. Prof R. K. Behera (H.O.D) Mechanical delivered the inaugural speech and Prof. P.B. Pradhan delivered the vote of thanks. About 150 no. of students participated in the workshop. The workshop was appreciated by all concerned.

Workshop on "AUTOCAD" at Synergy, Dhenkanal

One day National Workshop on AutoCad was organized by Mechanical Department on 17.09.2017 at S.I.E.T, Dhenkanal in conference hall. Mr Soumyendra Barik, CADD Engineer (CTTC) was invited as chief guest. Mr. Barik elaborated details about AUTOCAD AND SOLID WORKS. Mr R. K. Behera (HOD) Mechanical delivered inaugural speech and Mr. P. B. Pradhan A.P.ME gave vote of thanks. About 100 students participated in the workshop.



National Workshop on "Microwave & Electromagnetic Designs using HFSS & MATLAB" at Synergy, Dhenkanal



A Two Days National Workshop on "Microwave & Electromagnetic Designs using HFSS & MATLAB" was organized from Dt. 13-9-2017 to Dt. 14-9-2017 by Department of Electronics & Telecommunication Engineering, Synergy Institute of Engineering & Technology, Dhenkanal. The event was inaugurated by Chief Guest, Mr. G. P. Mishra, Ph.D Research Scholar, VSSUT, BULRA, ODISHA. He enlightened the need & various applications of Microwave & Electromagnetic Designs in modern communication system. He discussed various Microwave designs like Waveguides & different types of antennas, Physical designs using softwares like HFSS & MATLAB through multiple sessions . Dr. I. Mohanty, Principal emphasized the basics & Need of Workshops, Symposiums, Seminars to acquaint engineering students with current research areas. Prof. P. K. Nayak, Assoc. Prof., HOD focused on the role of Microwave & Electromagnetic Designs in the field of Electronics & Telecommunication Engineering & future scope for the next generation . Prof. Manas Ranjan Jena, Convener of the seminar gave the vote of thanks. Institute students, students from various engineering colleges, Research persons from universities participated in the seminar. Participation certificates were distributed to the participants and delegates in the Valedictory ceremony.

Beyond Academics...



Newsletter

Orientation Programme at Synergy, Dhenkanal

Orientation programme for 1st year B.Tech and lateral entry students was held on 11^h of Sept.2017.Principal, Dr.Iteshree Mohanty delivered the welcome address. Chairman and Managing Trustee, Mr.Binod Dash 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.

Orientation Programme at Synergy, Bhubaneswar



Orientation programme for 1st year B.Tech and lateral entry students was held on 20th of Sept.2017.Principal, Dr L.N Patra delivered the welcome address. Chairman and managing Trustee, Mr.Binod Dash graced the occasion and advised the students to prepare themselves according to the demand of Industries. Director(Admin.) Sri Chitrasen Jagatdeo advised the students to improve their communication skills .Student representatives Abdul Sadab Khan,4th year CSE and Shilpa Saw,2nd year ,CSE welcomed the freshers and shared their experiences in the Institute. The programme ended with a vote of thanks by Dr Jogeswari Rout, HOD(Chem.) and 1st year coordinator.

Technical Talk on "Career Development in Technical Education" at Synergy, Dhenkanal A Technical Talk program on "Career development in technical education" was organized

A Technical Talk program on "Career development in technical education" was organized on Dt. 12-8-2017 by Department of Electronics & Telecommunication Engineering, Synergy Institute of Engineering & Technology, Dhenkanal. The event was inaugurated by Chief Guest, Mr. Satyabrata Sarangi, Ph.D Research Scholar, UC Davis, USA. He enlightened the consequence of Career development in technical education in current scenario. He shared his student life experiences through his B. Tech, M. Tech & Ph. D career. He stressed on making a strong bonding between student & faculty for Career development in technical education. Prof. Manas Ranjan Jena, Convener of the program gave the vote of thanks. Institute students & faculty members participated in the seminar.



DEPARTMENT OF ELECTRICAL ENGINEERING STALLO INSTITUTE OF ELECTRICAL ENGINEERING SER ANTA KILMAR MARINAL AND THE PLANTS TOPIC: ELECTRICAL ENGINEERING SEPT. MATERIAL ENGINEERING SEPT. MATER

Guest Lecture at Synergy, Dhenkanal

A guest lecture class by an industrial personnel was organized in the department of Electrical Engineering on dated 25-09-2017. Er. Ananta Kumar Mishra, AGM of Narbheram Steel & Power Pvt. Ltd. delivered a talk on "Electrical Systems in a Power & Steel Industry" for two hours. Nearly 70 number of student participants from 3rd ,5th & 7th sem took part in the programme. This programme was very much appreciated by the students.

Lecture Seminar Series at Synergy, Dhenkanal



Col. Sudhansu Sekhar SM Gallantry, NCC Battalion, Dhenkanal



Mr. Manoranjan Mohanty Teacher, Art of Living, Dhenkanal Chapter.



Prof. (Dr.) Sanjeeb Ku Dey Asst. Prof., Dept of Commerce, Ravenshaw University, Cuttack.



Training & Placement...

Newsletter

Training & Placement (Synergy, Dhenkanal & Bhubaneswar)

In this academic year, 59 students of Synergy Institute of Engineering & Technology, Dhenkanal & 58 students of Synergy Institute of Technology, Bhubaneswar **got placed in reputed corporate organizations like MAX GROUPS. DYNAMIC TRANSMISSION, MANGALA TUBES, ROYAL RESEARCH PRECISION ENGINEERING, MEDHAJ TECHNO CORP, A HUNDRED ENGINEERS, BARCOM INDU, ROTODYNE ENGG, HI-TECHNEXT etc. The following is a list of students who have been selected by different companies in the recent campus recruitments from July to September 2017.**

SYNERGY, DHENKANAL				SYNERGY, BHUBANESWAR				
DATE	COMPANY	NAME	BR.	DATE	COMPANY	NAME	BR.	
17.01.2017 24.01.2017	MAX GROUPS DYNAMIC TRANSMISSION	MONIKA P.SINGH ARIJIT DAS SUJIT KUMAR ROUL MD.IRFAN ANSARI SHEK SIRAJ UDDIN ROHAN CHATTARJEE	EE EE EE ME ME ME	9.02.2017	PRECISSION ENGINEERING	JYOTI RANJAN BASTIA SANDEEP KUMAR BEHERA KULDEEP PARIDA JNANA RANJAN SWAIN SAROJ KUMAR DAS LAXMIDHAR ROUT KASTURI RANJAN SAHOO ROHAN SAHU AKASH DAS	ME ME ME ME ME	
05.02.2017	MANGALA TUBES	MAYAN KUMAR SHUBHAM JAYANT ASHUTOSH PANIGRAHI	ME ME ME				ME ME ME	
08.02.2017	ROYAL RESEARCH	SONAM MANDAL NITESH NAG SWAGAT SAMAL KUSUM DIPANKAR MALL	CE CE CS EC EC		MEDHAJ TECHNOCORP	ARPIT ROUTRAY MUKTIKANTA MOHAPATRA SUBHAPRAKASH SAHOO SRIKANT KUMAR SAHOO DEBASIS PALAI	EE EE EE EE	
09.02.2017	PRECISION ENGINEERING	SAIF ALI SHUBHAM RAJ RAJAT CHOUBEY	ME ME ME	11.02.2017	EDEN INDIA	KIRAN KUMAR DAS SIDHANTA SANKAR PARIDA ABHAY PATEL	EE EE CE	
13.02.2017	MEDHAJ TECHNOCORP	SUCHISMITA PRADHAN PRAJANA PARAMITA	EE EC		DEEPAK KUMAR YADAV TANMAYA DAS SOMAN SHAW	CE CE		
18.02.2017 A HUNDRED VIKAS RANJAN SUBHAM AGRAWAL SONAM MANDAL VIVEK KUMAR RAJIV LOCHAN ROUT PRATIBHA KUMARI RAVI KUMAR MANDAL PRAVIN KUMAR KUMAR GAURAV MITRANJAN KUMAR PRIYARNJAN BHATT ALOK ROUT	SUBHAM AGRAWAL SONAM MANDAL VIVEK KUMAR RAJIV LOCHAN ROUT PRATIBHA KUMARI RAVI KUMAR MANDAL	CE CE CE ME EC EC EC ME ME EC CS EME EC CS EME EC CS EME EC CS EME EC CS EME EC CS EME EC CS EME EC CS EME EC EC EC EC EME EC EME EME EME EME	18.02.2017	A HUNDRED ENGINEERS CORPORATION PVT. LTD. ETECH	PRIYASHREESAMNTARA SAUMYAJIT DEY KIRTI KAUSHIK DAS GULSHAN KUMAR MUKESH KUMAR MAHATO DIKHIKA ROUTRAY	ME ME ME ME ME EEE		
	KUMAR GAURAV MITRANJAN KUMAR PRIYARNJAN BHATT		21.02.2017	BARCOM . INDUSTRIES LTD	DEBESH K. SINGH SHAZID AKHTAR SRIKANT BEHERA VISHAL SHAW KHITIS KUMAR KAR KRITI KOUSHIK DAS MANOJ KUMAR PANDA SANDEEP SUMAN DEBASIS JENA	ME ME ME ME		
20.02.2017 E-TECH GS	SIMRAN BODRA KUSUM SAMIDHA MONIKA P.SINGH SHYAM KUMAR ASHUTOSH ACHARYA ABHISHEK DAS SUSMITA DEY SHUBHASHREE GARNAIK					ME ME ME ME ME		
			02.03.2017	ROTOTYNE ENGINEERING SERVICES PVT. LTD	ABHIJIT DAS JAGANATH BARIK	ME ME		
22.02.2017	BARCOM INDUSTRIES LTD	SWAGAT SAMAL ANUP PRASAD PRASHANT KUMAR VISHAL PATRO ABHAY KUMAR	ME ME ME ME ME	02.03.2017	VARROC PVT. LTD.	RAJ KISHAN NAYAK PRANAB MOHANTY SANDEEP KUMAR PATEL JYOTI RANJAN BARIK SUDHANSU BEHERA	ME ME ME ME EE	
02.03.2017	ROTODYNE ENGINEERING	DEV SUNDARAM ASUTOSH PANIGRAHI	ME ME	-24.03.2017 03.04.2017	JAKSON POWER LTD. GLOBUSSOFT	SRIKANT KUMAR SAHOO MAYANK RAJ	ECE	
02.03.2017	SERVICES(P) LTD VARROC ENGINEERING (P) LTD	UTKARSH KUMAR DAYANAND KUMAR RAMESH KUMAR SATYA N. DWIVEDI	EE ME ME	22.04.2017 MERCEDE & BENZ	SANDEEP KUMAR BEHERA ARPIT ROUTRAY ROHAN SAHU SUBHASISH SWAIN	ME ME		
16.03.2017 HI-TECHNEXT SOUI MD.A ARNA KALLY SONA BISW	JANMEJAY PANDA SOUMYA R. PRADHAN MD.AFTAB KHAN	ME EE EC				ME ME		
	ARNAV BANERJEE KALYANI MOHAPATRA SONALI PANI BISWAJIT SAHOO SAMBIT KUMAR NANDA	F0	11.05.2017	Pramod Fibre & Plast Pvt. Ltd.	KULDEEP PARIDA AMAN SINHA PRITI RANJAN BARIK	ME ME EE		

Institute Highlights...



Newsletter

Research & Development

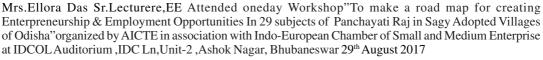
Paper Presented & Seminar/Workshop/Conference attended by the faculty of Synergy, Dhenkanal & Bhubaneswar



Er. Srinibash Swain, Partha Sarathi Khuntia presented a paper on "Fuzzy PI Adaptive Learning Controller for Controlling the Angle of Attack of an Aircraft" in *International Journal of Advanced Computer Science and Applications*, Vol. 8, No. 5, 2017, pp:138-144

Er. Srinibash Swain, Partha Sarathi Khuntia presented a paper on "Improving the performance indices of a dynamic system using adaptive learning controllers" in *International Journal of Advanced and Applied Sciences*, 4(8), 2017,pp:139-148.





Mrs.Ellora Das Sr.Lecturere,EE attended "Two-week iste sttp on electric power system" by National Mission on Education through ICT (MHRD, Govt. of India) at Silicon Institute of Technology, Bhubaneswar from 10th July to 15th July, 2017.

Mr.Sanjay Sathua Mohapatra Asst.Prof.,EE attended Industrial Development Programme on "Manufacturing Today Reinvesting Future" was organized by Aditya Birla Group at Hotel MAYFARE LAGOON, Bhubaneswar 19th September 2017

Mr.Smruti Ranjan Dash, Asst. Prof., CSE attended Inspire Faculty Partnership Level-2017 of Infosys at Hyderabad on $25^{\rm th}$ September 2017.

Mr. B.P.Mohapatra, HOD, Dept. of Management, attended one Seminar cum Exposition on Food Processing & Agri-Business potential of Odisha on 23/09/2017 at Mayfair Lagoon, Bhubaneswar organized by CII.

 $Mr. Soumya\ Ranjan\ Sahu,\ (Lect.\ In\ Mathematics)\ completed\ M. Phil\ degree\ from\ Ravenshaw\ Unversity\ in\ September\ 2017.$







Teachers' Day Celebration at Synergy, Dhenkanal













Newsletter

Seminar/Workshop/Conference Attended



Oxford University Press, Odisha Unit conducted a Workshop in our school on Effective Strategies of Teaching and Classroom Management on 15th September, 2017. The resource person was Prof. Shabina Nishant Omar, an ELT expert of the country.



Mr. Jagneswar Bora, Principal, DPS Dhenkanal attended a Training Programme as a Resource Person on Capacity Building Programme in "INCLUSION & INCLUSIVE STRATEGIES" conducted by CBSE COE, Kakinada at St. Xavier's High School, Naigaon, Dimbo, Keonjhar on 9th 10th September, 2017.



Delhi public school, Dhenkanal had organized two days training programme on Capacity Building Programme on Class room Management for all the teachers of DPS Dhenkanal on 26th 27th August, 2017. CBSE Center of Excellence, Kakinada conducted this above said programme, in which Dr. Harish Sanduja, Principal Sai International School, Bhubaneswar and Mrs. Annie Dash, Vice-Principal, Mothers Public School, Bhubaneswar were the two resource persons for giving the training to all the teachers of DPS Dhenkanal.



Raksha Bandhan Celebration at Delhi Public School, Dhenkanal

On 5th August, 2017 some students of Class V went to NCC office, Dhenkanal for tying Rakshis, which the students of DPS

Dhenkanal had made on their own for our Soldier brothers through which they wanted to convey that every soldier, whether Inland or at the border, or on the Waters and Air, they

will be their brothers. And also some students of Classes VII & VIII went to Maharshi Dayananda Saraswati Mission, the Orphanage at Dhenkanal for tying Rakshis to young children.

Teachers Day Celebration at Delhi Public School, Dhenkanal

Teachers are the torch bearers of the future generations" Teachers play a major role in making their students responsible citizens of tomorrow and good human beings. Teachers Day in DPS Dhenkanal was celebrated not only for one day but two consecutive days. On 5th September, 2017 all the students from Std. IV to X celebrated while on 6^{th} September, 2017 Std. Play to III observed the day. The students of Std. X acted like teachers and went to the classes assigned to them.





1st Investiture Ceremony at Delhi Public School, Dhenkanal

The 1st Investiture Ceremony too was organized to bestow the responsibilities to the new Students' Council 2017-18. Col SG Sudhansu Sekhar, Commanding officer 12 Orissa BN NCC, Dhenkanal and Mrs. Supriya were also present on

the occasion. Honourable Chief Guest Col. M. K. Singh gave badges and Oath to the Students' Council and enlightened the students about being worthy NCC candidates and how NCC inculcates discipline, patriotism and team-spirit within them.



Boys parade group and the cultural group brought laurels to the DPS, Dhenkanal by bagging the best prize and third position respectively in the annual district 71st Independence Day Celebration

News from DPS, Dhenkanal...



Newsletter

Van Mahotsav at Delhi Public School, Dhenkanal

ECO CLUB, DPS, DHENKANAL celebrated Van Mahostav with massive awareness and educational purpose in its premises on 6th July 2017. Honorable DFO, Dhenkanal Ms. Rinku Kumari was the chief guest who delivered an excellent speech on the usefulness of the trees for all living beings in this world. Mr. Jagneswar Bora, the Principal of DPS Dhenkanal also highlighted about the ecological balance in nature. Students participated in the activity of planting trees enthusiastically. Concluding the programme, Honorable chief guest drew the students to pledge "Green School, Clean School". Mr. A. K. Jena, Sr. Security Officer, SIET, Dhenkanal and an awardee of 'Prakruti Mitra' was also present on the occasion and asked the students to think of occasions to plant trees to save the mother earth.



Inauguration ceremony of NCC (JD UNIT) Delhi Public School, Dhenkanal

6th July, 2017 was an eventful day in the history of DPS Dhenkanal. The NCC Unit was inaugurated by Col. M.K Singh, Group Commander, Group HQ, Cuttack. It began with lighting of the lamp and Veda Chanting followed by an Odishi dance performed by the students to add colour to the programme. The Principal Mr. Jagneswar Bora in his speech welcomed the guests and congratulated the members of the Students' Council. He urged the students to work towards their vision, inculcate interpersonal skills, have high level of emotional stability and also asked them to be confident, courageous and honest in whatever they do.



Achievements of Students at Delhi Public School, Dhenkanal

Indian Music Chamber, Dhenkanal organized several competitions "Pratibhanwesha- 2017" on 8th & 9th July 2017 in which some of our students bagged prizes. They are: Ayushman Sahoo VIII A secured 2nd position in Painting Event in Junior Category. Sudipta Kumar Satapathy VIII A got 2nd Prize in Junior Category.Smruti Samrudhi Das IV A bagged 1st Prize in Odishi Dance in Sub-Junior Group.Pragyan Prajipta Dhall VIII A got 2nd Prize in Odishi Dance in Junior Category. Sneha Sudha Choudhury VB has successfully completed the Kukki Won's 1st Poom Taekwondo Promotion Test. Sandeep Shreemasish Nayak X has successfully completed the Kukki Won's 1st Tan Taekwondo Promotion Test. District Science Centre, Dhenkanal organized several competitions on 9th August, 2017 on the occasion of Hirosima and Nagasaki Day in which some of our students bagged the prizes. They are: Ayushman Jena, Bishnuprasad Tripathy of class X bagged special prizes in Essay competition on the topic "Nuclear Energy: Uses & Misuses"..Deboneeta Pradhan of Class IX & Rahul Mishra of Class VIII A got special prize in Debate competition on the topic "Nuclear Energy: Boon or Bane". On the occasion of Independence Day, District administration organized a number of competitions in which **Pratiti Priyadarshini of class V B** got 3rd prize in song competition held at B.B. High School, Dhenkanal. Sambit Kumar Kar of class X bagged 3rd prize in English debate competition. DPS Dhenkanal Boys Parade group bagged First Prize in Junior Civilian Boys parade group held at Reserve Police Ground, Dhenkanal DPS Dhenkanal won the 3rd prize in the Cultural programme held at Reserve Police Ground, Dhenkanal, Sidharth Panda of Class V B bagged the third prize in Karate competition in the Male Kumite category and Kata category organized by 8th All India Open Karate Championship held at Utkal Karate School Bhubaneswar from 1st to 3rd September, 2017. Amit Kumar Behera of Class IV B bagged 3rd Prize in the drawing competition organized by District Science Centre, Dhenkanal on the occasion of Independence Day 2017. District Science Centre, Dhenkanal organized several competitions on the occasion of Hindi Diwas in which some of our students bagged prizes. They are: Prachurya Panda of Class VI B and Arya Kumari of Class VII B secured 2nd and 3rd position respectively in Hindi Poem recitation competition. Amreeta Sahoo of Class VIII A bagged the 3rd Prize in Hindi Essay Writing Competition. Muskan Mohanty VI A won the 1st Prize in Drawing Competition organized by The Samaj, a renowned newspaper of Odisha and also got 1st Prize in Drawing Competition organized by Natraj Sangeet Mahavidyalaya on the occasion of Kumarotsav. Adeek Nanda of Class V A got 2nd prize in Vocal classical competition organized by Natraj Sangeet Mahavidyalaya on the occasion of Kumarotsav.



Snippets from Synergy...

Newsletter



Souvenir release on the occasion of 3rd installation Ceremony of Rotaract Club of Synergy, Dhenkanal



Plantation drive by Principal Dr. Itishree Mohanty at Synergy, Dhenkanal on the occasion of Vana Mahotsav



Undertaking of oath by Staff and Students of Synergy, Dhenkanal on the occasion of Nagasaki Day



Members of Youth Red Cross and Red Ribbon Club of Synergy, Dhenkanal participating in the programme "SWACHTA HI SEVA"



Sapling planted by Green Synergy ECO Club as part of Van Mahotsav Celebration at Synergy, Bhubaneswar.



Staff and Students of Synergy, Bhubaneswar participating in Swachhata Pakhwada Programme

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Advisor : Prof. Prafulla.Ku.Misra, Chief Editor: Mr. Smruti Ranjan Dash, Editor : Mr. Sukanta Kumar Patra Members : Mrs. Bedarata Dash, Mrs. Nita Patnaik, Mrs. Rajeswari Panigrahi, Photography: Mr. Prakash Barik

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

website:www.synergyinstitute.net

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