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The Quarterly Newsletter

Volume X, Issue II
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Celebrating
17
Glorious
Years

Synergy Group of Institutions

Message From The Chairman.....

Life's Mossopm



Life's mission is not fulfilled only if one earns a lot of money, eats, drinks and makes merry and leads a comfortable life with one's family. Life's mission is fulfilled when we can help others around us, care for them and share their burden. In nothing else men approach so nearly to the gods as in doing good to others. In the heraldry of heaven goodness precedes greatness. He that does good to another does also good to himself. If you do good for others it will come back to you in unexpected ways. Some fragrance clings to the hand that distributes roses. Whatever mitigates the woes or increases the happiness of others is a just criterion of goodness. Nothing can be compared to the ineffable joy that comes out of giving. However, one must know whom to give, how to give and where to give. The art of giving has to be cultivated. Youth is the period when we have to cultivate the habit of right conduct, right thought and engage ourselves in without bothering about the consequences. We should remember that honest labour never goes unrewarded. Work like you don't need the money; love like you have never been hurt; sing like no one is listening; dance like no one is watching and live like it is heaven upon earth. Then life becomes a celebration.

I wish all the students and staff of Synergy family an eventful and a great new academic session.

Jai Hind

(Binod Dash)

Chairman & Managing Trustee,
Synergy Group of Institutions

Inside the Issue...

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



Synergy's Newsletter

SYNERGY, DHENKANAL & SYNERGY, BHUBANESWAR

National Seminar on “Recent Trends in Antenna Design” (Synergy, Dhenkanal)

A National Seminar on “Recent Trends in Antenna Design” (RTAD-2016) was organized on April 23, 2016 by Department of Electronics & Telecommunication Engineering, Synergy Institute of Engineering & Technology, Dhenkanal. The event was inaugurated by eminent professor & Chief Guest, Dr. B. B. MANGARAJ, Assoc. Prof., VSSUT, BULRA, ODISHA. He threw light on the need, & various applications of antenna technology. He discussed recent trends & future aspects of antenna technology & highlighted its scope for future generations. Dr. Malaya Kumar Hota, Principal emphasized on the basic need & current research areas in the field of antenna technology. Er.A. K Sahu, Trustee, spoke about current applications of antenna field & emphasized on the conduct of such events in current field of reserch. Prof. P. K. Nayak, Associate. Prof.,HOD focused on the role of antenna technology in a field of electronics & Telecommunication Engineering. Invited guest Mr. S. N. Mishra, Asst. Prof., VSSUT, BULRA, ODISHA highlighted on various types of antenna design methods & future scope for the next generation. Invited guest Mr. H. Pradhan, Asst. Prof., VSSUT, BULRA, ODISHA, focused on design of dipole planar antenna array for UHF applications. Prof. Manas Ranjan Jena, Convener of the seminar gave the vote of thanks. Students from various engineering colleges, Resource persons from industries participated in the seminar.



National Workshop on Industrial Automation & its Core Application (Synergy, Dhenkanal)



On behalf of the Electronics & Telecommunication Department, a three-day National Workshop was arranged in the premises of Synergy Institute of Engineering & Technology, Dhenkanal. The topic of the workshop was Industrial Automation & its core application. The workshop was held from 28.4.2016 to 30.4.2016. Mr. Chandan Bauri, Director, Amtek Automation of Gunupur, Rayagada graced the occasion as the Chief Guest. He said like in machines automation can also be used in the field of software and can be immensely useful to the society. Dr. Malay Kumar Hota, Principal of Synergy Institute of Engineering & Technology, Dhenkanal presided over the workshop and delivered the welcome address. He said workshops like this can be of great benefit to the students and the staff. Prof. Giridhari Muduli, Asst. Professor of the Department coordinated the workshop and delivered the vote of thanks. Around 50 students participated in the workshop.

Short-Term Course on SCADA-2016 (Synergy, Dhenkanal)

The Department of Electrical Engineering organized a One month Short-term course on SCADA (Supervisory Control and Data Acquisition) for the 6th semester Electrical students comprising 38 participants from Dt. 18-3-2016 to Dt. 18-4-2016 in the Department. Two experienced and dedicated faculty members of CTTC, Bhubaneswar trained the students regularly from 5.30 P.M. to 7.30 P.M including holidays with the usual classes of the students undisturbed. Now-a-days SCADA being an advanced technology, is applicable mostly in automation of industries and in Electrical power Transmission & Distribution systems. Last year, the same programme was introduced with 36 participants during 28th February to 28th March 2015 which was immensely successful. As the faculty of CTTC were staying in the college Guest house, it provided ample opportunity to the students to utilize the resources in interacting with the trainers to gain as much knowledge on the topic as was possible. On 18th April, 2016, on the occasion of closing ceremony, the Technical co-ordinator of CTTC, Er. K.J. Mohanta was invited. The students appreciated the quality teaching of the CTTC staffs and expressed their gratitude to the department and authority of the institute for the endeavour and initial financial assistance rendered to them for running such a fantastic programme. Er. Mohanta expressed his satisfaction regarding the dedication of students towards study, the treatment given by the college authority, the help provided by the co-ordinator and HOD as and when required.



Newsletter

Department of CSE Annual Society Function “Anarghya” Celebrated at Synergy, Dhenkanal



The Annual Technical Symposium of Society of CS & IT “Anarghya 16” was held on Wednesday 29th of April 2016 at Synergy Institute of Engineering & Technology, Dhenkanal. Total 153 students from different branches of Synergy, Dhenkanal participated in the daylong symposium. Dr. Rashmi Mishra, Head, Department of Mathematics and Computer Science, Dhenkanal Autonomous College, was Chief Guest of the symposium. Technical & non-technical events viz C-War, Technical Dumb Charades, Brain Mapping, Robo Race and Corporate Roadies were part of the symposium. Finally the symposium ended with the prizes being given away to the prize winners. The Program was Co-ordinated by Faculty Co-ordinator Mr. Smruti Ranjan Dash.

Department of EE Annual Society Function “Resonance-2016” Celebrated at Synergy, Dhenkanal

The Annual Society function of Electrical Department RESONANCE-2016 was organized in the conference hall on 30-4-16. Chief guest Er. Aditya Narayan Sar, Sr.G.M.(OPTCL) (Retired) inaugurated the function by lighting the lamp. In his address, he urged students to adopt recent Technology & to be a good human beings so that they will excel in their life. HOD, Prof.S.S.Pati gave the welcome address, Principal Dr.M.K.Hota also addressed the gathering. Student Coordinator Saswat Ranjan Das presented the annual report on RESONANCE-2016. Faculty Co-ordinator A.K.Sahoo proposed the vote of thanks. All the students of the dept. participated in various programmes like technical quiz, seminars, projects etc.



Department of ETC Annual Society Function “Syntronix-2016” Celebrated at Synergy, Dhenkanal



The Annual Function of the Department was presided over by Prof. Prashant Kumar Nayak, Head, Department of Electronics & Telecommunication Engineering. Mr. Manas Kumar Satapathy, Additional General Manager, BSNL, Angul graced the function as Chief Guest and exhorted the students to come up as good human beings apart from achieving technical excellence. He said they should fit into modern technology to empower themselves. Guest of Honour and distinguished Social Worker, Ms, Nirupama Das also advised the students to be good human beings so that they can bring about a lot of improvement in the society. Dr. Malay Kumar Hota, Principal of the institute said there are ample opportunities for engineers in Electronics and Telecommunication branch. Ms. Smaranika Bilas, Senior Faculty of the Department coordinated the program and Er. Rosan Kumar Raj, Final Year Student of the Department delivered the vote of thanks.

Annual Society Function “AA KAAR-2016” of Civil Engg. Dept (Synergy, Dhenkanal)

Civil Engineering department Society function AAKAR was held on 29th April 2016. Er. Bimal Prasad Dash, superintendent Engineer, R&B Circle, Cuttack attended the function as the Chief Guest. Principal Dr. Malaya Kumar Hota presided over the function. Various technical programmes were arranged by the students of Civil Engg. Dept. and a brief entertainment programme was staged where the students enthusiastically participated.



National Seminar on “CADD ” at Synergy, Dhenkanal



CAAD centre Patia, Bhubaneswar conducted a one day workshop on STAPD-PRO for the Civil Engineering students on 22.04.16 at conference hall, SIET Dhenkanal. Prof Chinmaya Kumar Mahapatra, Prof Y. Samal, Er. Ipsita Mohanty, Er. J. Dalai were present on the occasion. HOD felicitated the Boy's topper Rakesh Sahoo and Girl's topper Pallishree Pattnaik of 5th Sem Civil Engineering Student. The workshop was attended by 5th and 7th sem Civil Engineering students. It was observed that the students were interested deeply for the analysis and design of multi-storied building by using STAPD-PRO software.

National Seminar on “Bigdata Hadoop” at Synergy, Bhubaneswar

One day seminar on **BIGDATA HADOOP** was conducted by CSE department on Dt. 12/03/2016 at synergy institute of technology, BBSR in association with Nimble tech from Calcutta whose branch office is at Bhubaneswar. The workshop was inaugurated by Dr. Kapileswar Mishra principal & Biswaranjan Sarangi, Head, CSE. The program was coordinated by Tapasi Das (AP, CSE). All the students of CSE were introduced to various concepts of BIGDATA, Hadoop and its various components by delegate Mr. Ravi from Nible tech solution. The program ended with vote of thanks by student coordinator Abdul sadab Khan.



Seminar on “Managing Stress and Happiness at Synergy, Bhubaneswar



A seminar entitled “Managing Stress and Increasing Happiness” was conducted at Synergy Institute of Technology, Bhubaneswar on 4th April 2016 under the supervision of Principal Dr. Kapileswar Mishra. The event was graced by the Chief Guest Prof. Dr. Sangeeta Rath, HOD, Psychology, Ravenshaw University who spoke how to easily tackle problems and manage stress faced in day-to-day life leading to balanced life & happiness. All faculty members, staff & students attended this valuable seminar with great interest. The programme was successfully coordinated by Prof. Dr. Jogeswari Rout, Chairperson, Women's Grievance Cell, Synergy Institute Of Technology and ended with a vote of thanks.

Yoga Day Celebrated at Synergy, Bhubaneswar

International Yoga Day was celebrated at Synergy Institute of Technology, Bhubaneswar on 21 June 2016 with much grandeur and joy. The event was well organized under the supervision of Principal-in-charge Prof. Dr. Jogeswari Rout. The guest of the occasion Shri Ramakrushna Pattnaik, a reverend yoga teacher delivered a wonderful talk on the need and importance of Yoga in our so-called modern lifestyle while demonstrating the simplest ways of performing yoga at ease in order to achieve a peaceful mind and healthy body. All Faculty members & staff of the institute attended the event with enthusiasm.



Yoga Day Celebrated at Synergy, Dhenkanal

International Yoga Day was observed in Synergy Dhenkanal. Bharatiya yoga Sansthan, Dhenkanal branch had been invited to inspire and enlighten the students about the importance of yoga. Students and Staff of the college evinced great interest in the program. The program was organized by Mr. A. K. Jena, Sr. security officer of the college.

Newsletter

Research & Development

Seminar/Workshop Conference Attended by the faculty (Synergy, Dhenkanal)

Mr. Barada Pr. Mohapatra, Sr Lecturer, Department of Management, attended a National Seminar on “National Symposium on Operations & Supply Chain management, OSCM-2016” organized by Sambalpur University on 21st March 2016 and presented a paper titled “Customer satisfaction in Public Distribution System: An Analysis on Odisha”.



Principal, DPS, Dhenkanal, Ms. Deepanwita Das attended a Conference “Principals’ Conclave” for the Delhi Public Schools in New Delhi from 8 – 10 April 2016.



Workshop on “Life Skills” (DPS, Dhenkanal)

A very fruitful workshop on “Life Skills” was arranged in Delhi Public School Dhenkanal on 1st April, 2016. Ms. Smaranika Panda, resource person of Expressions India conducted the program. All the students and staff of Delhi Public School Dhenkanal participated in the workshop with great enthusiasm. The workshop was a huge success.

Paper Published/Presented (Synergy, Dhenkanal & Bhubaneswar)

A research paper in the title of “Comparison of Novel coding techniques for a fixed wavelength hopping SAC-OCDMA” was published by Mr. Satyasan Panda, (HOD, ECE, SIT, BBSR) in the journal of Photonic Network Communication (SPRINGER), Doi. 10.1007, May, 2016.



Installation of Language Lab (Delhi Public School, Dhenkanal)



Language skills are essential for empowerment. In Delhi Public School Dhenkanal a sophisticated Language Lab was installed to promote listening, speaking and other language skills of students. The highly oriented Wordsworth language lab installed in the school, serves the purpose of facilitating better language learning and enhancing communication skills. The staff had undergone two days’ vigorous training programme conducted by the trainer Mr. Ankush Bhattacharya, where he guided the teachers in using the language lab effectively.

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

The Department of Electrical Engineering organized an Industry Institute Interaction program for the 6th semester Electrical students. Er. Debendra Khadiratna (Manager, Smeltor Division, Nalco) gave a talk on “Application of Electric Drives in Nalco” on 25th April 2016. He emphasized on recent advancement of technology which are adopted in industries. Dr. Premananda Pany presented the memento to Er. Debendra Khadiratna as a token of appreciation.



Training & Placement (Synergy, Dhenkanal & Bhubaneswar)

In this academic year, 132 students of Synergy Institute of Engineering & Technology, Dhenkanal & 54 students of Synergy Institute of & Technology, Bhubaneswar got placed in reputed corporate organizations like WIPRO ,COLLABERA TECHNOLOGIES(P) LTD, BARCOM INDUSTRIES LTD, VARROC INDUSTRIES LTD, SUNCORE MICRO SYSTEMS(P), HIRE MATRIX 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				DATE	COMPANY	NAME	BR.
DATE	COMPANY	NAME	BR.	18.02.2016	Q-SPIDERS	ASHA KUMARI KUMARI PREETI PAYAL KUMARI SANKET PATNAIK KUMARI PALLAVI AKANSHYA PARASHAR PRIYABRATA TRIATHY KUMARI SATYAM BAIDYANATH GOPE DIPAK KUMAR MANDAL SUMIT KUMAR	ECE EE EC EE EEE ECE CSE CSE CSE CSE
05.01.2016	COLLABERA TECHNOLOGIES(P) LTD.	ASHUTOSH KUMAR PRAVAKAR KUMAR	MECH CIVIL				
14.01.2016	BARCOM INDUSTRIES LTD	MAHILAL MANDAL SEKHAR KUMAR GEETANJALI SHARMA RENUKA MOHANTA S. SUBHALAXMI SINGH SACHIN SNEH JAGANNATH MISHRA	EE EE EE EE EE ME ME	19.02.2016	IAC ENGINEERING	SUMAN KUMAR ALOK RANJAN DAITARI BEHERA TANMAYA PATNAIK GANAPATI KUNDU AKHILESH SAMAD ANKITA PRIYADARSHINI	EE EE EE ME ME ME EE
21.01.2016	VARROC INDUSTRIES LTD	RUPESH KUMAR JHA SAMBIT KUMAR DASH ROSHAN KUMAR SURYA KANTA MOHARANA	ME ME EE ME				
23.01.2016	SUNCORE MICRO SYSTEMS(P) LTD	DIPIKA PRIYADARSHINI DEBANSI NAYAK SANTOSH MAHARANA TARIQ AHMED	CSE CSE ECE EE				
SYNERGY, BHUBANESWAR							
08.02.2016	ROTODYNE ENGINEERING (P) LTD	SOUVIK PAL BHAGYASHREE MOHANTY SACHIN SNEH ALEX RAJ PANI RAJAT PATRA	ME ME ME ME ME	DATE	COMPANY	NAME	BR.
11.02.2016	AURO-I	TARINI SH. TRIPATHY TAPAS KUMAR PARIDA PRIYANKA KUMARI ABHINAV KISHORE RAJAT PATRA SANTANU MANDAL SUMIT KUMAR ABHIJEET SINGH PRITAM SINGH ASUTOSH KUMAR ANKUR SRIVASTAV SACHIN SNEH SUKESH JHA RAUSHAN KUMAR	ME ME EE CSE ETC ME CSE EE ETC ME ME ME ME EE	05.03.2016	AKUVA ENGINEERING PVT(LTD)	SAGAR KU SAHOO	ME
				12.03.2016	IAC ENGINEERING	AMIT KUMAR	ME
				21.03.2016	HIRE MATRIX	PRIYABRAT TRIPATHY SANKET PATNAIK	EEE ME
				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
15.02.2016	TALBROS	DHARMENDRA SHARMA ANURAG DUTTA AVINASH BHOLA GANESH PRASAD SHARMA DINESH HATI ASUTOSH KUMAR	ME ME ME ME ME ME				

Newsletter

Parent Orientation Programme Celebrated at DPS, Dhenkanal

“A parent is a teacher at home and a teacher is a parent at school and for both of them, the child is the Centre of Universe”. On 3rd April' 2016 under the guidance of our Principal, Ms. Deepanwita Das, an Orientation Programme was organized for the parents of newly admitted students at Delhi Public School, Dhenkanal. Addressing the gathering, the principal laid stress on the four pillars of education. She emphasised on efficient interaction between the teachers and parents and also sought their support and suggestions so that the children could be provided the best for their all round development.



Health Camp at DPS, Dhenkanal in Association with Apollo Hospital

A general health check up camp was organized at Delhi Public School, Dhenkanal in association with APOLLO Hospital, Bhubaneswar on 12th May, 2016. The health camp was organized with the objective of providing free medical checkup and facilitating early detection of deficiencies and general health of children. The camp started at 8:30 am and continued till 12 am. Over 300 people were benefited from the health camp. Specialists from Apollo Hospital Bhubaneswar organized the health check up camp.



Celebration of international Yoga Day at Delhi Public School Dhenkanal

The International Yoga Day was celebrated in the auditorium of Delhi Public School Dhenkanal with great pomp and show. All the students participated and practised yoga enthusiastically. Principal Ms. Deepanwita Das spoke on the importance and utility of Yoga and how it keeps harmony between body, mind and soul. She also highlighted about the great sages of India, who attained enlightenment through yoga and meditation. Two teachers Mr. Meraj Parwez and Ms. Rita Das of the institution also shared their views on how to integrate the depth of inner silence with the dynamic pace of life through Yoga and meditation. All the teachers and staff of the institution cooperated to make the programme a grand success.



Summer Fiesta Celebration at Delhi Public School Dhenkanal



To ensure that the much awaited summer break is a time to relax and regenerate, DPS Dhenkanal organizes Summer Fiesta every year, in which students of other schools from all over Dhenkanal actively participate. This year, the Summer Fiesta lasted for a period of 10 days, i.e. 2nd to 12th of May' 2016. The camp saw an overwhelming participation by 250 students eager to avail the rich experience this camp offered in various sports activities like chess, table tennis and badminton, art & craft, dance, song, karate and literary activities. Special Coaches, trainers and expert faculty members held sessions everyday from 6:30 am to 10:00 am. The camp was conducted with a special closing ceremony on 12th May' 2016 wherein the students shared their experience. Art, music, dance and theatre displays were showcased. The parents appreciated the efforts of the trainers, students and teachers.

Achievements of Students

Swastik Rout of Class IV secured 1st Position and Subhrasmit Pariksha of Class IV secured 2nd Position in Drawing competition held at Science Centre, Dhenkanal on World Water Day (22nd March' 2016). In Dhenkanal Mahostav various competitions were organized by District Cultural Department where Smruti Samrudhi Dash of Class III secured 3rd position in Odishi Dance (Junior), Abhipsa Pati of Class VI got 1st Prize in Odissi Gayan (Senior) and Muskan Mohanty of Class V secured 3rd position in Drawing junior Group.

Smruti Samrudhi Dash of Class III secured 2nd position in Odisha State Chess Championship 2016 (U-11) girls competition held at District Chess Association of Puri from 3rd to 5th May' 2016.



Sri Dharmendra Pradhan, Hon'ble Minister of State (independent charge) Petroleum & Natural Gas on a visit to Synergy Dhenkanal on 20.6.2016.



Dr.L.Dash Director of Delhi Public School Dhenkanal and principal Ms.Dipanwita Das enjoying the summer Fiesta program 2016.



Students of final year Computer Science and Engg .Dept, Synergy Dhenkanal attending their farewell function.



Decorated items prepared by students during summer camp-2016 at Delhi Public School ,Dhenkanal.



Delhi Public School, Dhenkanal students staging 'KARATE' program in the school premises.



Mechanical Engg. students of Synergy Dhenkanal celebrating 'MECHQUEST' the Annual Society function -2016

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