



# Darpan

The Quarterly Newsletter

Volume VIII, Issue III  
July-Sept 2014

Celebrating  
**15**  
Glorious  
Years

## Synergy Group of Institutions

### Message From The Chairman.....



#### SWACHH BHARAT

Swachh Bharat Abhiyan is one of the flagship campaigns launched by Prime Minister Narendra Modi on October 2, 2014. It is, indeed sad that 67 years after independence, India has failed its Father. Mr. Modi has been voted to power on the basis of his development platform. but development of India is not just about more malls, many factories and majestic flyovers. A dirty country can never be a fully developed country. Our villages, schools and hospitals need to be clean and developed. Our cities are surrounded by slums where people live in squalor. All our beautiful rivers, which are our lifelines, have to be kept neat and clean. We may boast of our economic growth but we can't shut our eyes to the filth in our streets or ignore the stench from our open garbage. The Father of the Nation famously said, "Cleanliness is next to godliness".

Once we get clean environment efficiency and productivity would enhance as of consequence .The government alone cannot clean our environment. A message loud and clear must go to the people that without their commitment and whole hearted participation a clean environment cannot be created. Let us together take a vow to make a clean and green India of our dream. It is that time of the year when the Mother of the Universe comes down from heaven to bless her children. Let us pray to Her to give us the strength to build a beautiful Bharat."YES WE CAN"

Jai Hind

(Binod Dash)

Chairman & Managing Trustee,  
Synergy Group of Institutions

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## Workshop on Advanced Applications of Embedded System and Android Technology (Synergy, Bhubaneswar)

A day's workshop was conducted on July 25, 2014 on 'Advanced applications of Embedded system and android technology' for ECE & EEE students. It was organized by ECE department of Synergy Institute of Technology, Bhubaneswar by inviting trainers from reputed industries. It was well attended by students and faculty.



## Vidyaansh Seminar (Synergy, Bhubaneswar)

Synergy, Bhubaneswar conducted a seminar on 19/7/14 in the campus in collaboration with Vidyaansh. Vidyaansh had a team of excellent councillors who motivated the students to earn and invest wisely. The team gave valuable advice about how to improve creative thinking and how to face the corporate world. Interactive session between vidyaansh and the students and staff was followed by an interesting game where vidyaansh gave chocolates to motivate the students.



## Seminar on Eternal Happiness (Synergy, Bhubaneswar)

Synergy Institute of Technology, Bhubaneswar was honored to have Mrs. Parvathy Baul in the campus on 28/8/14. She is well known for her masterful solo rendering in the oldest style of Baul song and dance. She sings and dances with minimal use of Baul instruments like Duggie, Ektara and Nupur. Another freelance singer Mrs. Sushmita Dash also graced the occasion. Mrs. Parvathy Baul showed the way to attain eternal happiness through dance and music and threw light on how to attain divine solace. There was an interactive session between the staffs, students and Mrs. Baul. A memento was presented to Mrs. Baul by Principal Dr. Kapileswar Mishra and Mrs. Sushmita Das.

## Seminar on "Global Terrorism and its Impact on India" (Synergy, Bhubaneswar)

A seminar on "Global Terrorism and its Impact on India" was organised in the premises of Synergy Institute of Technology, Bhubaneswar on 11th July '14 at 3:00pm. The seminar was fortunate to have Dr. Aurobinda Acharya as its Chief Guest, presently teaching at Joint Special Operations Master of Arts Programme, College of International Security Affairs, National Defence University, FORT BRAGG, North Carolina, USA. At the outset of the seminar, the Principal Dr. Kapileswar Mishra welcomed Dr. Acharya and introduced him and his credentials to the audience. He shared his views and personal experiences on terrorists and terrorism happening all around the world with special emphasis on Middle East and India. He also cited reasons for the rise of terrorism and exemplified by illustrating heinous terrorist attacks since ages and he provided measures to put a stop to terrorism. Finally a memento was presented to the Chief Guest by the Principal.



## Newsletter

### Seminar/ Workshop Attended (Synergy, Dhenkanal)

**Nirjharinee Parida**, Sr. Lecturer, Dept. of CSE & **Mr. Mohan Ku. Dehury**, Lect. Dept. of CSE attended two Week ISTE Workshop on Cyber Security being conducted by IIT Bombay from 10th July to 20th July, 2014. It was conducted under the National Mission on Education through ICT, MHRD, Govt. of India.



### Seminar/ Workshop Attended (Synergy, Bhubaneswar)

**Prof.(Dr) Jogeswari Rout**, HOD, Chemistry attended an ISTE-SRM University sponsored short term training programme from 07.07.2014 to 12.07.2014 on "**Recent Advances In Smart Materials**" at Trident Academy of Technology, Bhubaneswar



### Paper Published/Presented (Synergy, Dhenkanal)



**Asutosh Das**, Lecturer, Dept. of ETC, **Manas Ranjan Jena**, Asst.Prof., Dept. of ETC, and **Kalyan Kumar Barik**, Sr.Lecturer, Dept. of ETC, Published a paper titled "**Mel-Frequency Cepstral Coefficient (MFCC) - a Novel Method for Speaker Recognition.**" *Digital Technologies*, vol. 1, no. 1 (2014): 1-3.

**Manas Ranjan Jena**, Asst.Prof., Dept. of ETC, B.B.Mangaraj, Published a paper titled "**Design of a Novel Sierpinski Fractal Antenna Arrays Based on Circular Shapes with Low Side Lobes for 3G Applications.**" *American Journal of Electrical and Electronic Engineering*, vol. 2, no. 4 (2014): 137-140.



**Manas Ranjan Jena**, Asst.Prof., Dept. of ETC, Nishant Kumar, Ashutosh Kumar Pandey, Aditya Prakash, Shiv Mani Kumar, Rupali Bihari, 4<sup>th</sup> year students of Dept. of ETC Published a paper titled "**Design & Analysis of a Novel Rectangular Microstrip Patch Antenna with Improved Performance Using MATLAB for Pervasive Wireless Applications.**" *Wireless and Mobile Technologies*, vol. 2, no. 1 (2014): 7-11.

**Sidhartha Sankar Sahoo**, Lecturer, Dept. of ETC, **Malaya Kumar Hota**, Professor, Dept. of ETC and **Kalyan Kumar Barik**, Sr.Lecturer, Dept. of ETC, Published a paper titled "**5G Network a New Look into the Future: Beyond all Generation Networks.**" *American Journal of Systems and Software*, vol. 2, no. 4 (2014). 108-112



**Nirjharinee Parida**, Sr. Lecturer, Dept. of CSE Published a paper titled "**Classification Of Unknown Sample By Predicting Its Class Label By Using Hybrid K Means PSO.**" Volume 4, Issue 9 of IJARCSSE published on 25th-30th sept-2014 (ISSN:2277 128X).



### Journal Editorial Nomination

Dr. Bibhuti B. Sahoo (Professor, Mechanical Dept.) is now the Editorial member of 'International Journal of Advanced Research in Technology, Engineering and Science', ISSN: 2349-7173 (ONLINE).

### Faculty Honoured



Ph.D. degree in Physics has been awarded to **Dr. Jayashree Singh** (Asst.Prof, Dept. Of Physics) from Utkal University (Vani Vihar) in Aug-2014 on the topic "**A Study of Dielectric and Ultrasonic Properties of Ethyl Methyl Ketone and 1,2-Dichlorobenzene in its binary and ternary mixtures.**"



Ph.D. degree has been awarded to **Dr. Pranita Jena** (Asst.Prof, Dept. of Mathematics) from Utkal University (Vani Vihar) in Sept.-2014 on the topic "**Some Contribution to the Theory of Optimization**".

## Orientation Programme at Synergy, Dhenkanal

The Orientation programme for the freshers was organized in Synergy Institute of Engineering & Technology, Dhenkanal on 19.08.2014 in the institute's premises. Mr. Binod Dash, Chairman & Managing Trustee of the Synergy Group of Institutions presided over the meeting.

Prof. Prafulla Ku. Mishra delivered the Welcome address and advised the freshers to come up as good human beings. Dr. Chittaranjan Deo, Principal of the institute advised the students to make proper use of the many facilities available in the college to build their bright careers.

Mr. Binod Dash exhorted the students to work hard in a dedicated manner, dream big and stay focused. Through a beautiful story he impressed upon them to have faith in God for whatever God does, He does for our good. He said the young boys and girls must build themselves for the future.

In this function all the Heads of the departments and all the Heads of offices, the Administrative Officer, Chief Security Officer, some senior students and some parent guardians of the freshers also delivered their talks and wished a bright future to the freshers.

Prof. Bibhudatta Pradhan, Vice President Cultural Association, Prof. Chinmaya Rath, Mr. A.K. Jena, Chief Security Officer, Mr. Chandrakanta Mishra, Administrative Officer, Volunteers of NCC, NSS, Rotaract Club organized the function in a very nice manner. Prof. S.K. Nayak, Dean Students Welfare offered the vote of thanks.



## Orientation Programme at Synergy, Bhubaneswar



An orientation program was held for admission batch 2014-15, in the Institute premises, at the Seminar Hall of the Institute, on 20<sup>th</sup> August 2014. The Principal, Dr. Kapileswar Mishra, delivered the welcome speech to the fresh students and their parents/guardians. He briefed the audience about the values and positives of active learning and the Importance of discipline in student life. The Chairman & Managing Trustee, Mr. Binod Dash, addressed the freshers about quality learning, determination, thinking & acting for the future with beautiful examples and stories. His, speech turned on the show and he was a live wire in the program. The meeting ended with a vote of thanks by Mr. RP Mohaparta, Director Administration. He thanked all the members teaching & non- teaching, and above all student volunteers for making the Orientation Program a success. The event was co-ordinated by Mr. Rajat Kumar Mishra (Training & Placement Officer), Mr. Debasis Dash (HOD Management Studies).

## Akhand Bharat Divas at Synergy, Dhenkanal

Akhand Bharat Divas was organized by Bharatmata Seva Anusthan at Synergy, Dhenkanal on 14<sup>th</sup> August 2014. The Function was attended by Sri Binod Dash, Chairman, Synergy Group, Mr. Arun Panda, Sr. Journalist, Dr. C.R. Deo, Principal, Synergy, Dhenkanal & Prof. P.K. Mishra, HOD, Humanities, Synergy, Dhenkanal and staffs and students of Synergy, Dhenkanal





### Engineers' Day Celebration at Synergy, Dhenkanal

The Engineers' Day was observed on 17<sup>th</sup> September. Mr. Debendra Chandra Pradhan, DGM BSNL Dhenkanal was the chief guest on the occasion. The function was coordinated by Prof. S.S. Pati HOD of EE. Welcome address was given by Dr. C.R. Deo, Principal on 'Recent Trends in field of Engineering'. In his deliberation he highlighted on the development in the communication sector in the ongoing scenario. In his welcome address Dr. C.R. Deo, Principal advised the students for entrepreneurship development by making use of recent technology. Prof. S.S. Pati, HOD (EE) proposed the vote of thanks.



### Engineers' Day Celebration at Synergy, Bhubaneswar

A seminar on "Ancient Science and Technology" was organized by Synergy Institute of Technology, Phulnakhra, Bhubaneswar on the occasion of Engineers' Day. The seminar was guided by the Head of the Department of Civil Engineering Er. Pankaj Kumar Dash. Prof. Kapileswar Mishra, Principal, SIT gave the welcome address. The keynote address was delivered by Prof. D.P. Mishra, Dept of Aerospace Engineering, IIT, Kanpur. He highlighted the relevance of Ancient Science and its role in the society and elaborated its importance. Prof. Chitrasen Jagatdeo, Dean Student Welfare delivered the Vote of Thanks. Director, Administration Mr. R.P. Mohapatra was present among the delegates.



### Nurturing Excellence

Synergy Institute of Engineering & Technology, Dhenkanal takes pride in congratulating Duttatreya Tripathy who qualified in MBBS entrance & is now studying in VSS MCH, Burla, Odisha. A meritorious student with brilliant credentials, Duttatreya is the son of Mr. P.K. Tripathy, Workshop instructor of our Synergy Dhenkanal. Synergy family wishes him many more laurels in future.



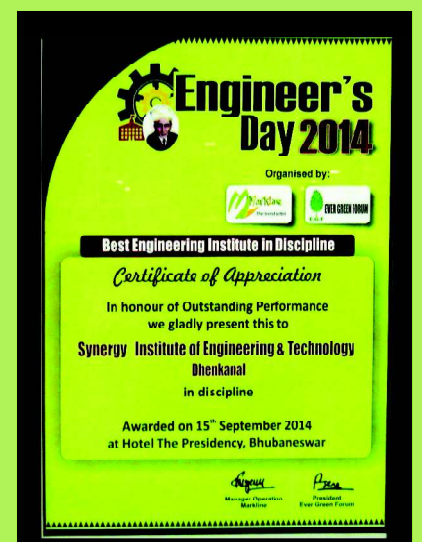
### Training & Placement (Synergy, Dhenkanal)

In this academic year, 306 students of Synergy Institute of Engineering & Technology, Dhenkanal got placed in reputed corporate organizations like WIPRO, Exilant, American Data Processing, IBM, HCLBESERV, JMC Projects, Sanghi Cement, Concierge Technology (P) Ltd., Omega Sea, Sarjen Systems etc. The following is a list of students who have been selected by different companies in the recent campus recruitment from July to September 2014.

DATE	COMPANY	NAME OF THE STUDENTS	BRANCH
20.09.2014	AGI GLASPAC	MANAS DAS	ME
		ADITYA PRAKASH	ME
		SURAJ SINGH	ME
		HARPRIT SINGH	ME
		SOURAV KUMAR	ME
		BIBHUDATTA ROU TRAY	ME
		AMIT SAHOO	ME
		DASRATH KUMAR	ME

### Best Engineering Institute in Discipline

Synergy Institute of Engineering & Technology, Dhenkanal has been awarded as the Best Engineering Institute in Discipline in Odisha on the basis of outstanding performance in discipline. The award was presented on 15<sup>th</sup> September 2014 on the occasion of Engineers' Day organized by Markline and Ever Green Forum.



### New Joining at Synergy, Dhenkanal

Mr. Rupam Saha has joined as lecturer in English Department of SIET DHENKANAL



Ms. Pooja Alkananda has joined as lecturer in Civil Engineering Department of SIET DHENKANAL.



Mr. Brahmananda Sahoo has joined as lecturer in Management Department of SIET DHENKANAL.



Ms. Debajani Pattnaik has joined as lecturer in Civil Engineering Department of SIET DHENKANAL.

### Higher Studies

Mr. Girish Chandra Swain (Lecturer, Mechanical Dept.) has completed his MTech degree in 'Production engineering' from Synergy Institute of Engineering & Technology under BPUT, Odisha.





## Newsletter

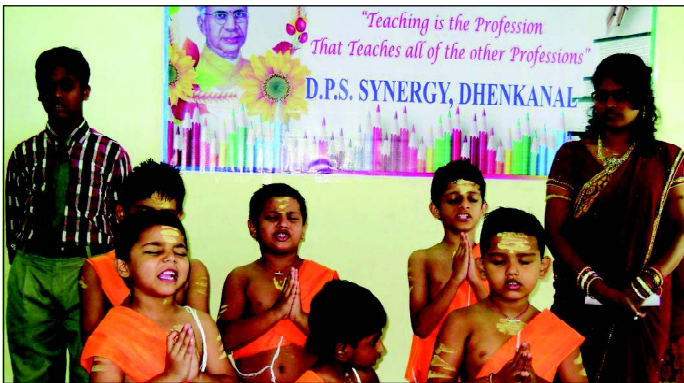
### DPS Independence Day Celebration

Independence Day was celebrated in the school campus with great patriotic fervor. National flag was hoisted by the Head Mistress. Pre-Primary students dressed in the attire of National Heroes marched forward to salute Tiranga on the patriotic tune played by the music department. This brought goose bumps to all the spectators present which was followed by a trail of speeches, Patriotic songs and dance numbers. The students and teacher community of DPS Synergy took some pledges on that day to support the environment.

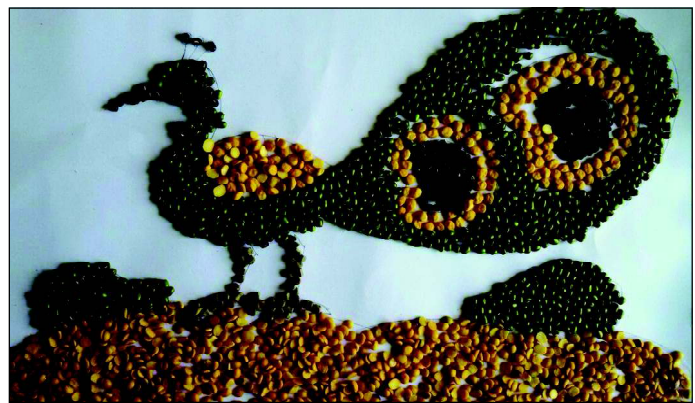


### DPS Teachers' Day Celebration

Students of DPS Synergy grabbed the opportunity to show their immense respect and love for their teachers, on 5<sup>th</sup> September, 2014 and organized a grand "Teachers' Day" celebration in the school premises. Mr. Amarjyoti Singhdeo was the Chief Guest on the occasion and Mr. Prafulla Mishra graced as the Guest of Honor.



### Other Activities



Clay Modelling & Exotic Art by the DPS, Synergy Kids





Mr Binod Dash, CMT and Mrs Anita Padhi, Trustee of Synergy Group of Institutions encouraging Vana Mahotsav at Synergy, Dhenkanal.



Celebration of 68th Independence Day at Synergy, Dhenkanal



Winners of Synergy Inter-Club Football Tournament, Dhenkanal



Students of Synergy, Dhenkanal being felicitated on being winners of district level song competition on Independence Day. .



Pratikshya Mishra, final year student of ETC receiving the first prize in debate competition on the occasion of Independence Day.



Participation of students of Synergy, Dhenkanal on the occasion of National Sports Day seminar held on 29th August 2014.

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