

Glorious

Years

#### Newsletter

#### Workshop on "DataAnalytics" at Synergy, Dhenkanal

A two days National Workshop on "Data Analytics" was inaugurated on 17.02.2017 which was conducted by the department of Computer Science & Engineering, Synergy Institute of Engineering and Technology, Dhenkanal in collaboration with Odisha Information Technology Society. Fifty participants including students, research scholars and faculty from various institutes are attended the workshop being conducted on an emerging area in computer science in recent times. In the inaugural ceremony HOD, computer science and engineering Prof. S. Abinash delivered the welcome address. Principal Dr. Malaya Kumar Hota elaborated on the relevance of the workshop in the field of engineering and encouraged the participants. Chief Guest Dr. Partha Sarkar delivered the key note address. Chairman and managing Trustee Sri Binod Dash, elaborated the need of industrial training in engineering education. Prof. Sidharth Dash delivered the vote of thanks.

#### Workshop on "Dream Skill India" at Synergy, Dhenkanal

Department of Mechanical Engineering conducted Workshop on "**Dream Skill India**" Manufacturing & Automotive industries in India by 2020' on Dt. 23/02/2017 in association with Mini Tool Room & Training Centre (MTRTC) set up by Govt. of Odisha (Managed by Gram Tarang Employability and training services) 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 Prof. RK Behera (AP, ME). The topic was elaborated by MTRTC officials on the importance of theme of the Workshop. The programme ended with participation certificates to the students & vote of thanks

#### Workshop on "Skill Development Project" at Synergy, Dhenkanal

A one day workshop was conducted on 3/3/17 at SIET, Dhenkanal Er. Ranjan ku Jena Asst.Manager of Ultratech cement conducted a workshop on skill development in masonry works of brick & rubble masonry. In the workshop the various properties of cement were discussed & its utility in cementing the masonry works for various construction activities like building, retaining wall, tunnels, were elaborated through practical and experimental work in our concrete laboratory.

# National Seminar on Innovative Trends in Microwave & Wireless Communication at Synergy, Dhenkanal

A National Seminar on "Innovative Trends in Microwave & Wireless Communication" was organized on March 18, 2017 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, Associate Professor, VSSUT, BULRA, ODISHA. He enlightened on the need, & various applications of smart antenna technology. He discussed recent trends & future aspects of antenna technology & highlighted it for scope of future generation. Dr. Malaya Kumar Hota, Principal has emphasized basic need & current research areas in the field of wireless communication technology. Prof. P. K. Nayak, Assoc. Prof., HOD has focused role of wireless technology in field of electronics & Telecommunication Engineering. Prof. Manas Ranjan Jena, Convener of the seminar gave the vote of thanks.Renowned resource persons from nearby industries like Er. Sadasiv Meher, TGM, IDEA Communication, Sambalpur, Odisha & Er. Kasif Raja, GET, Bhusan Pvt. Ltd. Dhenkanal, odisha have also participated in the seminar. Institute students, students from various engineering colleges, Resource persons from industries participated in the seminar. Participation certificates are distributed to the participants by delegates in the Validation

# Seminar on corporate communication at Synergy, Bhubaneswar.

English seminar on Corporate Communication was held on 15<sup>th</sup> of March,2017 at SIT, Bhubaneswar. Dr. Kamala Prasad Mahapatra, former Regional Director, Higher Education,Govt Of Odisha graced the seminar as Chief Guest.The seminar was conducted by Prof.Chitrasen Jagatdeo, HOD, Dept of English. Students of SIT, participated in this seminar

#### A seminar on Values of Life at Synergy, Bhubaneswar.

A seminar on "Values of life" was conducted at SIT, Bhubaneswar on 5th Feb 2017 .Prof.Chandra Bardhan Chokshi ,Retired Principal, College of Education ,Gujurat was the Chief guest .BK. Surendra of London and BK. Debasmita attended the programme as guests of honour. Dr L.N Patra, Principal, SIT presided over the meeting and Prof. Jogeswari Rout, HOD, Chemistry offered the vote of thanks to the august gathering.











## Beyond Academics...



#### Newsletter

#### National Seminar on "Sustainable Energy & Its Future Scope" at Synergy, Dhenkanal

Dept.of Elect. Engg organized a one day National Seminar on "Sustainable Energy &its future scope" on 4th march, 2017. It was inaugurated by Prof. P.K Dash MD of SOA, Bhubaneswar & Prof. Dr. Subhranshu Ranjan Samantaray of IIT, Bhubaneswar. Prof. P.K Dash attended the Seminar as chief guest & Prof. Dr. Subhranshu Ranjan Samantaray as chief speaker. In his key note address to the gathering Prof. P.K Dash discussed about Renewable energy sources & its utilization & stress upon the small generating sources to be used in distribution system. Prof. Samantaray elaborated on micro grids & its challenges to the students. Principal Dr. M.K. Hota gave welcome address to the gathering, HOD S.S. Pati explained about the topic of the seminar, Prof. P.K. Nayak ,Convenor proposed the vote of thanks . A Souvenier was released on the programme. A good Number of participants & students attended the Seminar.

# National Seminar on "Recent Trends in Materials & Manufacturing Process (RTMMP-2017 at Synergy, Dhenkanal

Department of Mechanical Engineering conducted a National Seminar on 'Recent Trends in Materials & Manufacturing Process (RTMMP–2017)' on Dt. 22/02/2017 at Conference hall of SIET, Dhenkanal. The Seminar was inaugurated by the chief guest & speaker, Prof. (Dr.) A. Mishra, Head, Mechanical Engineering, IGIT Sarang, Dhenkanal, Dr. M. K, Hota, Principal, Dr. B. B. Sahoo, Head, ME & Prof. JP Bhol, Coordinator ME. were presentThe importance of the Seminar topic was elaborated by Prof. (Dr.) A. Mishra. Finally, the vote of thanks was delivered by the Seminar coordinator.



A seminar on "Advance technology in Planning and execution of civil engineering works" was conducted on date 27th march 2017 in SIET Dhenkanal. The chief guest was "Er. J. K. Tripathy" and guest of honor "Dr. K. K. Khatua". Mr. Tripathy enlightened the students by delivering a lecture on Geotube construction in protection of coastal line. He presented a case study of construction geotube embankment technique in Satavaya area of Kendrapada district. Thereafter Prof. Khatua presented a lecture on computation flow in river channel in hilly and plain terrain of the river. The computational calculations were based on the mathematical modeling as well as the observation technique adopted in field.

# Seminar on How to Crack an Interview in Java at SIT Bhubaneswar.





A one day seminar was organized by CSE department, S.I.T, Bhubaneswar for students of CSE, EC, EE, and EEE on "HOW TO CRACK AN INTERVIEW IN JAVA" on 7th of Feb 2017. Er. Rashmikanta Das from JAVA TECHNOCRAT delivered a talk on java concept and implementation for helping the students to prepare for technical round on upcoming campus drives .Mr B.R Sarangi H.O.D(CSE) coordinated the program and vote of thank was given by Mr. S. Pati, Asst. Prof. of CSE Dept.

#### **Lecture Seminar Series**

In Lecture Seminar Series A seminar talk was delivered by (Er). Binay Kumar Samal, AGM(SI) Aarti Steel on "Sponge Iron Manufacturing" on 20/2/2017 for the final year students. Better interaction between Technical institutions and industry is the need of the hour. This will have great bearing on the Engineering Curriculum, exposure of industrial atmosphere to engineering students and subsequent placement of young graduating engineers in industries across the country. Similarly, there is an urgent need to prepare engineering students for jobs in multinational companies, by exposing them to newer technologies and engineering methodologies. These objectives can only be achieved well by bridging the gap between industry and the academic institute.









### Newsletter



## Institute Highlights...



#### Newsletter

#### **Research & Development**

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



Dr Jogeswari Rout, HOD, Chemistry attended UGC sponsored national seminar on "Air pollution: Its effects and mitigation at O.P.S Mahavidyalaya,Hindol Road, Dhenkanal on 8th January 2017 & 58th annual technical session of The Institution of Engineers(India) at Odisha state centre, Bhubaneswar on 19th Feb 2017.

Mr.Barada Pr. Mohapatra ,Sr Lecturer, Department of Management, attended the Annual Conference on Optimal Resources Management & Odisha's Development: Progress so-far and the road ahead" organized by ORSI-Bhubaneswar in association with KIIT University- Bhubaneswar on 26th February 2017 and presented a paper titled A case discussion on justification of e-PDS: A multi criteria decision approach".



Mr.Barada Pr. Mohapatra ,Sr Lecturer, Department of Management, attended a National Seminar on "Sustainable Future, through Leadership and Technology" organized by GIET, Bhubaneswar on 4th March 2017 and presented a paper titled "Sustainability of PDS System through e-PDS: A case Analysis on Odisha".

Ms. Ipsita Panda, Sr.Lect, Dept. Of CSE and Ms. Tapasi Das Asst.Prof. Dept of Computer Science And Engineering, SIT, Bhubaneswar attended the 2days workshop on "PARAM Supercomputing" Organized by CDAC in association with BPUT held on 20th and 21th January-2017 at Bhubaneswar.

Mrs.Ellora Das attended one day Workshop on "Implementation of Skill Development Programme under PMKVY neld on 24.02.2017 at Techno India(Auditorium), Salt lake, Sec-V, Kolkata.



One day workshop was conducted on date 13/02/2017 by Bentley event on Staadpro at KIIT campus. About 30 students attend the workshop with Ms. Ankita Biswal.



Mr.Barada Pr. Mohapatra ,Sr Lecturer, Department of Management, Published a paper "Sustainability of PDS System through e-PDS: A case analysis on Odisha", International Journal of Engineering and Management Research Special Issue, ISSN 2250-0758, PP: 71-75, 2017

Dr Jogeswari Rout, HOD, Chemistry Presented a paper entitled "stainable low cost water treatment technologies for drinking water" in the 9th National seminar on "Water resources management in the context of climate change for growing India" conducted by Indian climate congress on 27th & 28th February 2017.













A talk on" ART OF MIND CONTROL" was de livered in SIT, Bhubaneswar by Sri Naveen, Member of Vedic Wisdom Council at Dept. of Cul tural and Educational Service









#### Newsletter

#### Training & Placement (Synergy, Dhenkanal & Bhubaneswar)

In this academic year, 171 students of Synergy Institute of Engineering & Technology, Dhenkanal & 65 students of Synergy Institute of Technology, Bhubaneswar got placed in reputed corporate organizations like WIPRO, COLLABERATECHNOLOGIES(P) LTD, BARCOM INDUSTRIES LTD, Mercedes Benz, Kalisma Steel, Digicall, Amtek Auto Ltd., Sumukh Engg. Pvt. Ltd. etc. The following is a list of students who have been selected by different companies in the recent campus recruitment from January to December 2016.

SYNERGY, DHENKANAL				SYNERGY, BHUBANESWAR			
DATE	COMPANY	NAME	BR.	DATE	COMPANY	NAME	BR.
17.01.2017	MAX GROUPS	MONIKA P.SINGH ARIJIT DAS	EE	12.01.2017	RISHABH SOFTWARE	MAYANK RAJ	EC
			EE	13.01.2017	ACCEL FRONTLINE	MAYANK RAJ	EC
24.01.2017	DYNAMIC TRANSMISSION	SUJIT KUMAR ROUL  MD.IRFAN ANSARI SHEK SIRAJ UDDIN	ME ME	19.01.2017	MAXX ENGINEERING & AUTOMATION (P) .LTD	SUBHAPRAKASH SAHOO	EE
05.02.2017	MANGALA TUBES	ROHAN CHATTARJEE  MAYAN KUMAR	ME	24.01.2017	DYNAMIC	SUBHARNSU SAHOO	ME
05.02.2017	MANGALA TOBES	SHUBHAM JAYANT ASHUTOSH PANIGRAHI	ME ME	5.02.2017	MANGALA TUBES PVT. LTD	RAKESH DAS ABHIJIT DAS AMAN KUMAR SINHA	ME ME ME
08.02.2017	ROYAL RESEARCH	SONAM MANDAL NITESH NAG SWAGAT SAMAL KUSUM DIPANKAR MALL	CE CE CS EC	3.02.2017	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 ARPIT ROUTRAY	ME ME ME ME ME
09.02.2017	PRECISION ENGINEERING	SAIF ALI SHUBHAM RAJ RAJAT CHOUBEY	ME ME ME				ME ME ME
13.02.2017	MEDHAJ TECHNOCORP	SUCHISMITA PRADHAN PRAJANA PARAMITA	EE EC				ME ME
18.02.2017	A HUNDRED ENGINEERS	VIKAS RANJAN SUBHAM AGRAWAL SONAM MANDAL VIVEK KUMAR RAJIV LOCHAN ROUT PRATIBHA KUMARI RAVI KUMAR MANDAL PRAVIN KUMAR KUMAR GAURAV MITRANJAN KUMAR PRIYARNJAN BHATT	CE CE CE CE ME EC EC EC ME ME	11.02.2017	MEDHAJ TECHNOCORP	MUKTIKANTA MOHAPATRA SUBHAPRAKASH SAHOO SRIKANT KUMAR SAHOO DEBASIS PALAI KIRAN KUMAR DAS SIDHANTA SANKAR PARIDA	EE EE EE EE
				11.02.2017	EDEN INDIA	ABHAY PATEL DEEPAK KUMAR YADAV TANMAYA DAS SOMAN SHAW PRIYASHREESAMNTARA	CE CE CE CE
20.02.2017	E-TECH GS	ALOK ROUT SIMRAN BODRA KUSUM SAMIDHA MONIKA P.SINGH SHYAM KUMAR ASHUTOSH ACHARYA ABHISHEK DAS SUSMITA DEY SHUBHASHREE GARNAIK SWAGAT SAMAL	ME EC CS EE ME EC EC CS CS	- 18.02.2017	A HUNDRED ENGINEERS CORPORATION PVT. LTD.	SAUMYAJIT DEY KIRTI KAUSHIK DAS GULSHAN KUMAR MUKESH KUMAR MAHATO	ME ME ME ME
				20.02.2017 21.02.2017	ETECH BARCOM . INDUSTRIES LTD	DIKHIKA ROUTRAY  DEBESH K. SINGH SHAZID AKHTAR SRIKANT BEHERA	ME ME ME ME
						VISHAL SHAW  KHITIS KUMAR KAR  KRITI KOUSHIK DAS	ME ME ME
22.02.2017	BARCOM INDUSTRIES LTD	ANUP PRASAD PRASHANT KUMAR VISHAL PATRO ABHAY KUMAR	ME ME ME ME			MANOJ KUMAR PANDA SANDEEP SUMAN DEBASIS JENA	ME ME ME
02.03.2017	ROTODYNE ENGINEERING SERVICES(P) LTD	DEV SUNDARAM ASUTOSH PANIGRAHI UTKARSH KUMAR	ME ME ME	02.03.2017	ROTOTYNE ENGINEERING SERVICES PVT. LTD	ABHIJIT DAS JAGANATH BARIK	ME ME
02.03.2017	VARROC ENGINEERING (P) LTD	DAYANAND KUMAR RAMESH KUMAR SATYA N. DWIVEDI	EE ME ME	02.03.2017	VARROC PVT. LTD.	RAJ KISHAN NAYAK PRANAB MOHANTY SANDEEP KUMAR PATEL JYOTI RANJAN BARIK	ME ME ME ME
16.03.2017	HI-TECHNEXT ENGINEERING(P) LTD	JANMEJAY PANDA SOUMYA R. PRADHAN MD.AFTAB KHAN ARNAV BANERJEE KALYANI MOHAPATRA SONALI PANI BISWAJIT SAHOO SAMBIT KUMAR NANDA	ME EE EC EC EC EC EC ME	24.03.2017	JAKSON POWER LTD.	SUDHANSU BEHERA SRIKANT KUMAR SAHOO	EE

## News from DPS, Dhenkanal...



#### Newsletter

#### Road Safety at Delhi Public School, Dhenkanal

Road safety week was observed from 11th to 17th January 2017. On the 10th of January, an awareness programme was organized in which the students of DPS Dhenkanal were addressed by Mr. Basant Ku. Behera, RTO, Dhenkanal, on the importance of being alert and abiding by the safety rules in order to promote road safety. Importance of seatbelts and helmets was also emphasized. Students were given the clue to different sign boards and useful safety tips while riding on the road. The esteemed guest said that it is important to spread this awareness among students as they are the future of the nation.

#### Book Fair at Delhi Public School, Dhenkanal

If it is possible to travel the whole world by just sitting at your home, it is because of books. To inculcate the most fruitful and rewarding habit of reading in students, DPS, Dhenkanal organized a book fair in association with Scholastic India. The fair was held for three consecutive days from 19.1.17 to 21.1.17 at the auditorium. The students visited the fair class wise accompanied by their teachers. Many of them purchased the books .Parents visited the fair on 21st.



DPS, Dhenkanal was once again submerged in the ardent feelings of patriotism while commemorating the efforts of the leaders in making of the Republic of India. The celebration started with the assembly of students. The principal, Ms. Deepanwita Das hoisted the flag which was followed by the national anthem. The 6 houses namely Maxim, Amity, Erudite, Panache, Ingenious and Probity, stood with their captains and vice captains as flag bearers. The march past began after the inspection by the principal. Students expressed their feelings in Odia, Hindi and English speech. Principal inspired the students with an eloquent speech. The program ended with the vote of thanks. Then the students proceeded to the Police Ground to participate in District Parade and Cultural programme. They won the first prize in the cultural programme for the third consecutive year.

#### Guest Speaker Programme at Delhi Public School, Dhenkanal

An awareness programme entitled 'Do kadam tum bhi chalo' for eliminating violence against children and women was conducted on  $27^{th}$  of January 2017 at the school auditorium by TRUST, a philanthropic association which deals with scientific temper and creating a better society. The chief guest Shri Binod Padhi, retired Engineer in Chief from Works Department, Govt. of Odisha graced the occasion by his presence. He was accompanied by Ms Sulata Deo, former Chairman, State Women Welfare board, a celebrity social worker and Shri Nihar Ranjan Acharya, founder, TRUST. The whole team conducted an interactive session with the students. The students got their queries answered. The programme left the students well informed and aware of the necessity of being alert to any kind of violence, in and around.

#### Seminar/Workshop/Conference Attended

Ms. Dharitri Rath Teacher in Social Science and Ms. Monica Swain Teacher in Computer have attended a three days workshop on Behavioural Difficulties Titled, 'Role of a Teacher as a counselor in personality development' at DPSS-HRD Centre, DPS Dwarka Campus, New Delhi from 23<sup>rd</sup> to 25<sup>th</sup> January' 2017.

#### Achievements of Students at Delhi Public School, Dhenkanal

Smruti Samrudhi of Class III Das secured 15 position in 6th National Chess Championship from 5th January to 7th January 2017. She also got 1st girl trophy under 9 Bhusandpur Chess Championship. Debaneeta Pradhan of class VIII bagged 1st position in English Debate organised by District Information and Public Relation Dept., on the occasion of Republic Day. On the occasion of Republic Day, a drawing competition was organised by Dhenkanal Science Centre in which Omm Swaroop Sahoo of Class II bagged 2nd position in Junior group, Sandeep Samantray of Class III bagged 2nd position in Sub-Junior group and Ramashray Sahu of Class IV bagged 3rd position in Senior group. Subhrasmit Parikshya of class IV secured 2nd position in senior drawing group organised at St. Xavier High School, on the occassion of Republic Day. Smruti Samrudhi Das of Class III secured 1st position in 3rd Basanta Memorial District level Chess Championship on 29th January 2017. In Dhenkanal District Badminton Tournament organised on 11th and 12th Feb 2017 at Gymnasium Indoor Hall, Dhenkanal, Abany Kumar Patra of class IX and Jayadev B. Mohanty of VIII was runners-up U-14 and runners up U-17 Boys (Doubles) badminton. In the same tournament P.S. Aradhika of Class IX got championship U-19 girls (Doubles) and U-17 girls (Doubles). On the occassion of Water Day, Shreyash Priyadarshi of class II bagged 1st prize in Junior group and Ramashray Sahu bagged 2nd prize in senior group, in Sit and Draw competition organised by Dhenkanal Science Center on 19th March, 2017..













Glorious Years Newsletter













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