



Editorial Board

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SPARKERS



From Director's Desk

Dear Readers,

I hope all of you are safe and in good health wherever you are during this pandemic period. First of all I welcome you to the Ganesh Institute of Engg. & Technology. One of the most significant moments in a parent life is finding the perfect institution for a child. Not just a good institution that blends compassion with discipline; not just a institution that has a high standard of academics & an extra ordinary display of extracurricular activities: not just a institution with all the facilities a child's heart could desire and one that a parent feels a sense of satisfaction about every morning the child leaves but a perfect institution. GIET Polytechnic not only appreciated that sentiment, but also undertakes the awesome responsibility it represents. You can see that from the school motto itself. Finally, I hope that you will take pride in your college. Members of our faculty are known for their energy and erudition, academic achievements and teaching abilities and devotion to duty. Our standards are challenging and we are dedicating to helping you meet those standards. We will judge our success as an institution by how well you succeed in realizing your potential as a student and in your later professional career.

Message from Head Academic Co-ordinator :



Mr. P. R. Naik
Vice-Principal

In this difficult and important times I would like to reach out to you through these few lines mine. It was very rightly said that "Education is a shared commitment between dedicated teachers, motivated students and enthusiastic parents with high expectations".

At GIET Castle of Dreams, we strive to give every student the opportunity to express themselves through a carefully planned curriculum. Each students has his own unique quality and as an educator, it is our responsibility to nurture and develop every learner in their formative years.

GIET, Polytechnic opens its gates every morning to the non-stop chatter, giggles and happy feet of children eagerly rushing into the school, looking forward to a day of fun and action.

GIET, Polytechnic is exposed to a holistic play way method. Learning may be expressed in a variety of ways through language, play, drama, art, music and movement. We help children to develop their innate curiosity about the world around them. Students are involved in in-depth thinking, lateral thinking and hands-on experience to retain knowledge which helps them in their growing years.

Industrial Visit To Lingaraj Crusher

Civil Department of GIET, Polytechnic arranged an oneday visit to Lingaraj Crusher, Bhubaneswar on dt.01.12.2021. Er. Sundeep Kumar Behera, Lecturer Civil Dept. and Er. Arasmita Dash, Lecturer Civil Dept. guided the students. They elaborated about the understanding & benefits of different crushers. a) Jaw Crushers : Ideal for heavy-duty primary crushing application. b) Cone Crushers: Perfect for secondary and tertiary crushing with precise output. c) Impact Crushers: Suitable for various stages with impactful reduction.



GIET Polytechnic arranged an oneday visit to Lingaraj Crusher on 01.12.2021

Industrial Visit To Nilachal Ispat Nigam Ltd.

Electrical Department of GIET Polytechnic organised an Industrial visit to Nilachal Ispat Nigam Ltd., Bhubaneswar on dt.10.11.2021. Er. Nigam Prasad Baliarsingh, HOD, Electrical Dept. and Er. Monalin Mohanty, Lecturer Mechanical Dept. guided the students. NINL has become India's largest exporter of saleable pig iron since 2004-05. Pig iron and LAM coke produced by NINL has established its acceptance in domestic as well as in international markets .Company is widely catering demands of eastern , central and northern regions of India for Pig iron apart from exports. It is supplying LAM coke to almost all steel plants of Steel authority of India Ltd. and Rashtriya Ispat Nigam Ltd. Vishakhapatanam. The "KAMDHENU" fertiliser produced is in high demand in nearby areas . Crude tar is being despatched to down stream industries for further processing.



GIET Polytechnic arranged an oneday visit to Lingaraj Crusher on 01.12.2021

Industrial Visit to Z-Estate Construction Pvt. Ltd.

Civil Department of GIET, Polytechnic arranged an oneday visit to Z-Estate Construction Pvt. Ltd, Bhubaneswar on dt.21.09.2021. Er. Deepak Ranjan Mohapatra, HOD, Dept. of Civil and Er. Debipriya Chinmayee Jena, Lecturer Civil Dept. guided the students. They elaborated about the understanding & benefits of different crushers. a) Jaw Crushers : Ideal for heavy-duty primary crushing application. b) Cone Crushers: Perfect for secondary and tertiary crushing with precise output. c) Impact Crushers: Suitable for various stages with impactful reduction.



GIET Polytechnic organised Seminar on Start up Culture and Economic growth of Odisha on 11.01.2022

Industrial Visit To OPTCL

Electrical Department of GIET Polytechnic organised an Industrial visit to OPTCL, Bhubaneswar on dt.01.12.2021. Er. Nigam Prasad Baliarsingh, HOD, Electrical Dept. and Er. Pradosh Kumar Mohapatra, Lecturer Electrical Dept. guided the students. ODISHA POWER TRANSMISSION CORPORATION LIMITED (OPTCL), one of the largest Transmission Utility in the country was incorporated in March 2004 under the Companies Act, 1956 as a company wholly owned by the Government of Odisha to undertake the business of transmission and wheeling of electricity in the State.



GIET Polytechnic arranged an oneday visit to OPTCL Ltd. on 01.12.2021

Internship Training to NIIT Foundation

Electrical Department of GIET Polytechnic arranged an Internship Training to NIIT Foundation, Bhubaneswar on from 01.09.2021 to 05.10.2021. 30 students of Electrical Dept. were joined in this training having 35 classes. Er. Nigam Prasad Baliarsingh, HOD, Electrical headed the team with full of spirit. At the end of training the students



GIET Polytechnic arranged an Internship Training to NIIT

Internship Training to Swayam Sadasiba Construction, Andharua, Bhubaneswar

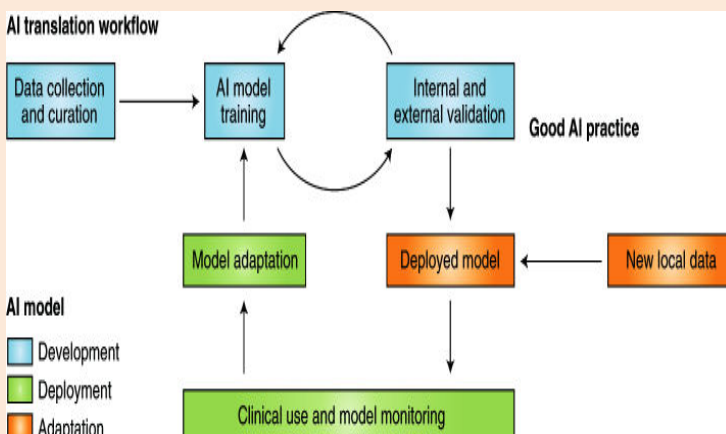
Civil Department of GIET Polytechnic organised an Internship Training to Swayam Sadasiba Construction, Andharua, Bhubaneswar from 08.11.2021 to 09.12.2021. 35 students of Civil Dept. were joined in this training having 30 classes. Er. Deepak Ranjan Mohapatra, HOD, Civil Dept. headed the team with full of spirit. At the end of



GIET Polytechnic arranged an Internship Training to Swayam Sadasiba Construction, Andharua,

Workshop in handling Covid-19 using AI/ML Techniques

GIET Polytechnic organised a Workshop in handling Covid-19 using AI/ML Techniques on 28.08.2021. The workshop was conducted by Er. Abhaya Kumar Baliarsingh, HOD, Mechanical Engg. with Er. Ritesh Kumar Hui, HOD, Automobile Engg. In this workshop students experienced how to handle the situation by using AI/ML Technique during the period of Covid-19. Prof. Prasanna Kumar Behera, Principal GIET Polytechnic concluded the



GIET Polytechnic arranged an Internship Training to NIIT

Webinar on College to Corporate

GIET Polytechnic organised an Webinar on College to Corporate on dt.23.11.2022 with intake of 103 students. In its Seminar Hall. Dr. Subrat Prasanna Mishra, Director GIMS, Prof. Prasanna Kumar Behera, Principal, GIET Polytechnic were the dice members in this Webinar.

Webinar Objective: The Guest sought to provide insightful vision into Startup building, difference between startups & Corporate Jobs , with an overall touch of lessons fueled by his own experience in the corporate world.

Benefit Obtained: "It's fine to celebrate success but it is



GIET Polytechnic arranged an Internship Training to NIIT

Impact of COVID-19 on people's livelihoods

The COVID-19 pandemic has led to a dramatic loss of human life worldwide and presents an unprecedented challenge to public health, food systems and the world of work. The economic and social disruption caused by the pandemic is devastating: tens of millions of people are at risk of falling into extreme poverty, while the number of undernourished people, currently estimated at nearly 690 million, could increase by up to 132 million by the end of the year.

Millions of enterprises face an existential threat. Nearly half of the world's 3.3 billion global workforce are at risk of losing their livelihoods. Informal economy workers are particularly vulnerable because the majority lack social protection and access to quality health care and have lost access to productive assets. Without the means to earn an income during lockdowns, many are unable to feed themselves and their families. For most, no income means no food, or, at best, less food and less nutritious food.

The pandemic has been affecting the entire food system and has laid bare its fragility. Border closures, trade restrictions and confinement measures have been preventing farmers from accessing markets, including for buying inputs and selling their produce, and agricultural workers from harvesting crops, thus disrupting domestic and international food supply chains and reducing access to healthy, safe and diverse diets. The pandemic has decimated jobs and placed millions of livelihoods at risk. As breadwinners lose jobs, fall ill and die, the food security and nutrition of millions of women and men are under threat, with those in low-income countries, particularly the most marginalized populations, which include small-scale farmers and indigenous peoples, being hardest hit.

Millions of agricultural workers – waged and self-employed – while feeding the world, regularly face high levels of working poverty, malnutrition and poor health, and suffer from a lack of safety and labour protection as well as other types of abuse. With low and irregular incomes and a lack of social support, many of them are spurred to continue working, often in unsafe conditions, thus exposing themselves and their families to additional risks. Further, when experiencing income losses, they may resort to negative coping strategies, such as distress sale of assets, predatory loans or child labour. Migrant agricultural workers are particularly vulnerable, because they face risks in their transport, working and living conditions and struggle to access support measures put in place by governments. Guaranteeing the safety and health of all agri-food workers – from primary producers to those involved in food processing, transport and retail, including street food vendors – as well as better incomes and protection, will be critical to saving lives and protecting public health, people's livelihoods and food security.

In the COVID-19 crisis food security, public health, and employment and labour issues, in particular workers' health and safety, converge. Adhering to workplace safety and health practices and ensuring access to decent work and the protection of labour rights in all industries will be crucial in addressing the human dimension of the crisis. Immediate and purposeful action to save lives and livelihoods should include extending social protection towards universal health coverage and income support for those most affected. These include workers in the informal economy and in poorly protected and low-paid jobs, including youth, older workers, and migrants. Particular attention must be paid to the situation of women, who are over-represented in low-paid jobs and care roles. Different forms of support are key, including cash transfers, child allowances and healthy school meals, shelter and food relief initiatives, support for employment retention and recovery, and financial relief for businesses, including micro, small and medium-sized enterprises. In designing and implementing such measures it is essential that governments work closely with employers and workers.

Countries dealing with existing humanitarian crises or emergencies are particularly exposed to the effects of COVID-19. Responding swiftly to the pandemic, while ensuring that humanitarian and recovery assistance reaches those most in need, is critical.

Now is the time for global solidarity and support, especially with the most vulnerable in our societies, particularly in the emerging and developing world. Only together can we overcome the intertwined health and social and economic impacts of the pandemic and prevent its escalation into a protracted humanitarian and food security catastrophe, with the potential loss of already achieved development gains.

We must recognize this opportunity to build back better, as noted in the Policy Brief issued by the United Nations Secretary-General. We are committed to pooling our expertise and experience to support countries in their crisis response measures and efforts to achieve the Sustainable Development Goals. We need to develop long-term sustainable strategies to address the challenges facing the health and agri-food sectors. Priority should be given to addressing underlying food security and malnutrition challenges, tackling rural poverty, in particular through more and better jobs in the rural economy, extending social protection to all, facilitating safe migration pathways and promoting the formalization of the informal economy.

We must rethink the future of our environment and tackle climate change and environmental degradation with ambition and urgency. Only then can we protect the health, livelihoods, food security and nutrition of all people, and ensure that our 'new normal' is a better one.