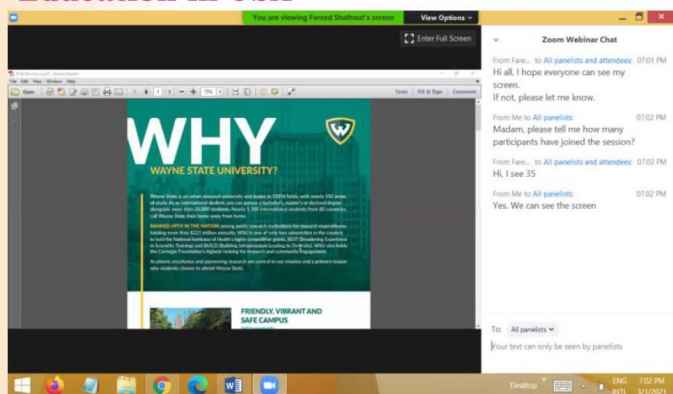


Online session on “Affordable Higher Education in USA

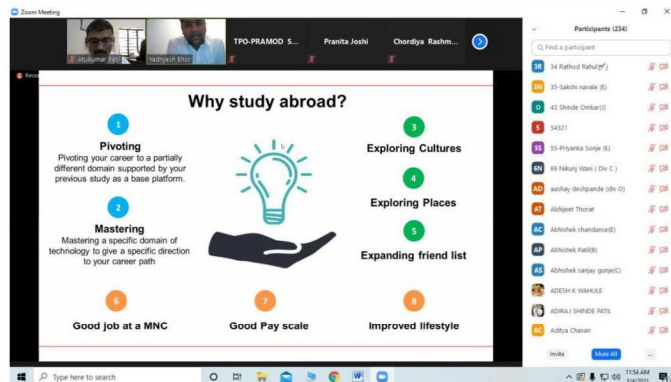


An Online Session by Ms. Shraddha Singaurey

International Facilitation Centre of KKWIEER, in association with Wayne State University, USA has conducted an online session on “Affordable Higher Education in a 152 years old research oriented Public University-Wayne State University, USA” by Ms. Shraddha Singaurey, Recruitment Advisor-India, Wayne State University, USA on Monday, 1 March 2021 at 7.00pm. through an Online platform of Zoom. Ms. Shraddha Singaurey shared the information like admission procedure, documentation required for admission, scholarship and internship availability at Wayne State University to all the participants. She also told about various engineering programs available in the University and answered to the questions raised by the students. Around 35 students were present for the session.

Online Guidance Session on “Importance of Higher Study Abroad”

The International Facilitation Centre of our institute has conducted an Online Guidance Session on “Importance of Higher Study Abroad and Foreign Languages” by IFC Team of KKWIEER and Mr. Yadnesh Bhor, PG Student of RWTH Aachen University, Germany (Alumnus of Mechanical



An Online Guidance Session by Mr. Yadnyesh Bhor (Engineering Department) on Thursday, 4 March 2021 at 11.30am. Mr. Yadnyesh has shared the information like requirements of Higher Study Abroad, admission procedure, documentation required for admission, scholarship and internship availability, foreign language learning and its significance. Mr. Yadnesh Bhor shared his views and answered to the questions raised by the students. The session was attended by approximately 235 students from different classes of our institute.

■ Celebration of Women's Day



Panel discussion on “Explore the mind and heart of a champion”

Women's Day was celebrated on 8th March 2021 by the institute. On this occasion, a panel discussion on “Explore the mind and heart of a champion” was organized. For the event speakers were the Alumni and faculty



members. Around 150 girl students and faculty members attended the program.

■ One Day Workshop on “Design and Development of Prototype”

K.K. WAGH INSTITUTE OF ENGINEERING EDUCATION AND RESEARCH, NASHIK-03
(8 Programmes NBA Accredited, NAAC A Grade)

Institution's Innovation Council organises workshop in association with Mechanical Engineering Department

Online One Day Workshop on “Design and Development of Prototype”
Date: 27th March 2021 (Saturday)

Sr. No.	Topic	Resource person	Time
Inauguration			
1	Product Design and Testing : Automotive Transmissions	Mr. Pratik Shroff Engineer ARAI, Pune	10.00am to 10.10am 10.10am to 11.15am
2	Automotive Product Development Process	Mr. Rajsing Chauhan Automotive Engineer, Vadodara	11.30am to 12.30pm
Lunch break (12.30pm to 1.30pm)			
3	Nature mimicry for design idea generation	Dr. P. B. Kushare Professor, KKWIEER, Nashik	1.30.00pm to 2.30pm

All participants will be issued e-certificate of participation provided that participant attend all sessions. Join through go-to-webinar using following link
<https://attendee.gotowebinar.com/register/2047958468229601292>

Co-ordinators

Mr. R. D Rakhade
Mr. A. D Bhagure

Conveners

Dr. P. B. Kushare
Dr. S. D. Barahate

Prof. M. B. Murugkar
HOD, Mechanical Engg

Dr. K. N. Nandurkar
Principal

One day workshop on “Design and Development of Prototype”

One day workshop on “Design and Development of Prototype” was organized by Mechanical Engineering department of our institute jointly with Institution's Innovation Council on 27th March 2021 for the students. Resource persons were Mr. Pratik Shroff, Engineer ARAI, Pune, Mr. Rajsing Chauhan, Automotive Engineer, Vadodara and Dr. P. B. Kushare, Professor of Mechanical Engineering of our institute. Total 146 students attended the workshop. The E certificates were provided to students on completion of the workshop.

■ प्रश्नमंजुषा स्पर्धेचे विजेते



Felicitation of first five winner staff

As Our institute organized an online “प्रश्नमंजुषा” Competition for teaching and non-teaching staff. On 3rd March 2021 library has announced top five winners and they were felicitated at the hands of Principal Dr. K. N. Nandurkar.

■ Book Exhibition

Kusumagraj Central Library of our institute organized Five Days “Book Exhibition” based on syllabus of First Year Engineering during 9th to 13th March 2021. This Exhibition was

Inaugurated at the hands of Principal Dr. K. N. Nandurkar. He appreciated the initiatives and said that this kind of Book Exhibition will help to improve reading habits.



“Book Exhibition” organized during 9th to 13th March 2021

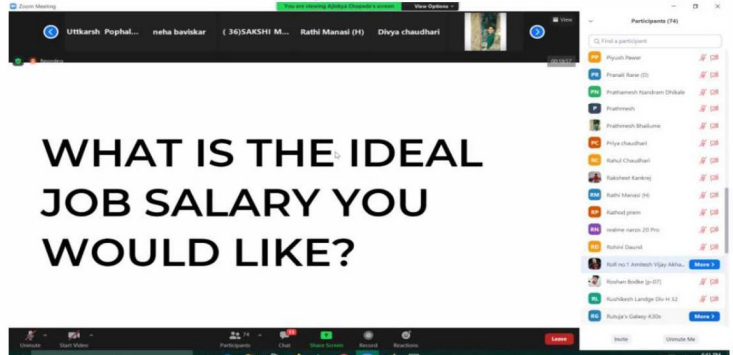
■ ‘आजादी का अमृत महोत्सव’ India@75 साठीच्या कार्यक्रमांचे उद्घाटन



Celebration of “आजादी का अमृत महोत्सव”

During 12th March to 15th March 2021 period Kusumagraj Central Library of our institute celebrated “आजादी का अमृत महोत्सव” India@75. This function was inaugurated at the hands of Principal Dr. K. N. Nandurkar. Staff members remembered the contribution of great freedom fighters and paid homage to them on this occasion.

■ SPDC Centre Activity



Online workshop on “Career growth” by Mr. Ajinkya Chopade

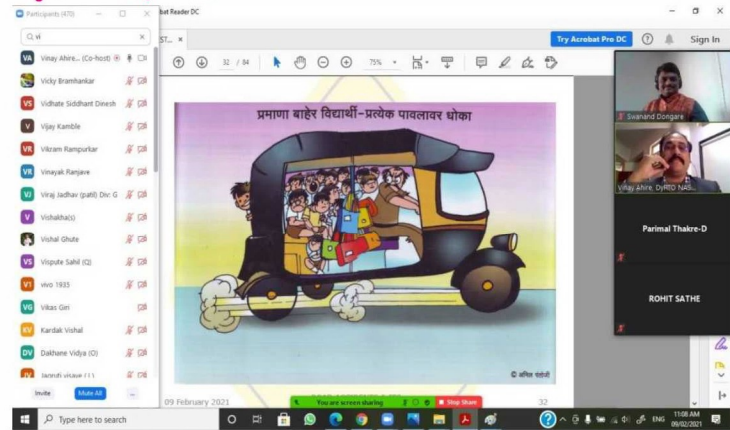
Skill and Personality Development Centre (SPDC) of our institute organized online workshop on “Career growth” by Mr. Ajinkya Chopade, Entrepreneur Author & Educator during 16th to 23rd March 2021. The students of FE/SE/TE

continued on page 3



attended this online workshop. This Centre is funded by AICTE to arrange different activities for personality development of students.

Awareness Session by Mr. Vinay Ahire, Dy. RTO, Nashik



An online session by Mr. Vinay Ahire, Dy. RTO, Nashik

An online session by Mr. Vinay Ahire, Dy. RTO, Nashik was organized by NSS Unit of our institute on 9th March 2021. Guest explained about the awareness required for prevention of road accidents and care need to be taken while travelling. Around 450 students attended the session.

Homage to Hon. Kakuseth Udeshi



Homage to Kakusheth Udeshi

The 109th Birth Anniversary of Kakusheth Udheshi was celebrated on 7th March 2021 in the Institute. For this program Principal Dr. K. N. Nandurkar and all heads of department were present. Late Kakuseth Udeshi was instrumental in offering the land of 22 acres to K. K. Wagh Education Society, Nashik on lease.

Donation of UV Scanning Machine



Donation of UV Scanning machine to our institute

An alumnus of our institute Mr. Pankaj Rana (Computer – 1991 Batch) donated three UV Scanning machines to our institute on 10th March 2021. On this occasion Principal Dr. K. N. Nandurkar and Prof. Dr. S. S. Sane (Head of Computer Engineering) were present.

Expert Talk of Dr. Ms. Vinita Deshpande, (Dietician)



An expert talk by Dr. Vinita Deshpande (Dietician)

An expert talk by Dr. Vinita Deshpande (Dietician) was organized on 28th April 2021 for all staff of K. K. Wagh Education Society. The topic of the expert talk was “समतोल आहार हाच योग्य प्रतिकार”. Dr. Ms. Vinita Deshpande explained very nicely about what type of diet is necessary to maintain the immunity. She explained the different types of food items that can be taken for maintaining immunity. President of K. K. Wagh Education Society Shri. Balasaheb Wagh, Trustee Shri. Sameer Wagh, Secretary Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar, all Principals, Heads of departments, staff of various institutes of K. K. Wagh Education Society were present for this program. Total 660 staff attended this

FE Parent -Teacher Meet



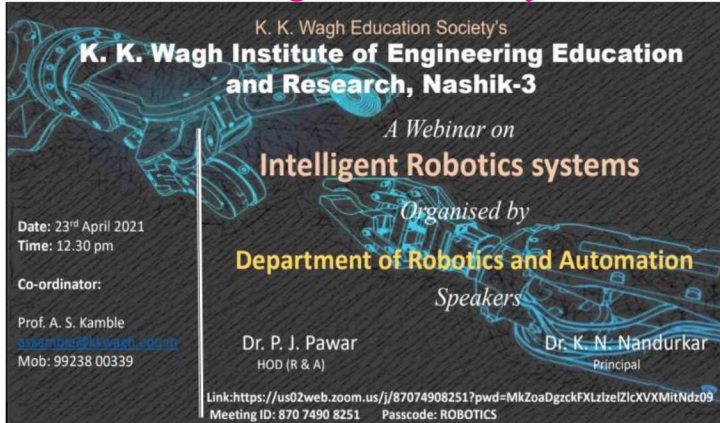
Online FE parent meet

FE parent meet was organized online by Applied Science and Mathematics department of our institute on 3rd April 2021. Around 450 students

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and parents attended the meeting. In the meeting Principal Dr. K. N. Nandurkar delivered welcome speech. Prof. Dr. S. Y. Kute (Dean Academic) and Prof. S. N. Kadlag gave information about the efforts taken by the institute through online mode. Prof. Dr. S.S.Sane informed about activities for students. All staff of first year were present for this meet.

■ Webinar on “Intelligent Robotics System”

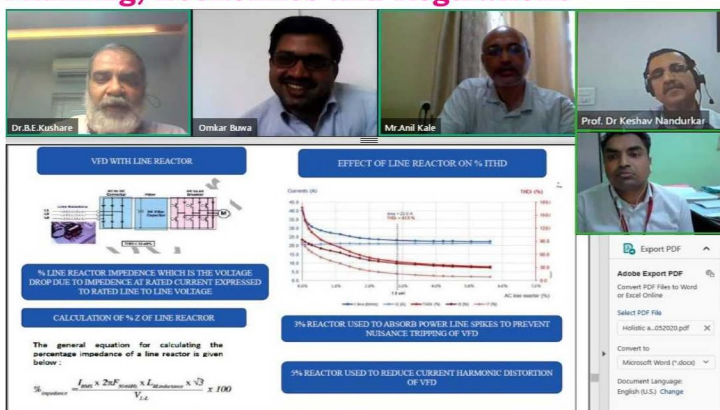


K. K. Wagh Education Society's
K. K. Wagh Institute of Engineering Education and Research, Nashik-3
A Webinar on
Intelligent Robotics systems
Organised by
Department of Robotics and Automation
Speakers
Dr. P. J. Pawar
HOD (R & A)
Dr. K. N. Nandurkar
Principal
Date: 23rd April 2021
Time: 12.30 pm
Co-ordinator:
Prof. A. S. Kamble
Mob: 99238 00339
Link: <https://us02web.zoom.us/j/87074908251?pwd=MkZoaDZkcXFLZlZlZicXVXMiRNdz09>
Meeting ID: 870 7490 8251 Passcode: ROBOTICS

Webinar on “Intelligent Robotics System”

The Department of Robotics and Automation had organized a Webinar on “Intelligent Robotics System”, for the students of TY Mechanical Engineering of K. K. Wagh Polytechnic, Nashik on 23rd April 2021, TY E & TC Engineering of K. K. Wagh Polytechnic, Nashik on 24th April 2021, and TY Mechanical students of Government Polytechnic Jalna on 29th April 2021. Principal Dr. K. N. Nandurkar delivered welcome address and provided information about the Institute. Head of Department Dr. P. J. Pawar delivered session on Intelligent Robotic system. Dr. S. R. Gangurde provided information about the Robotics and Automation Department. Dr. N. B. Gurule offered vote of thanks. The Webinar was coordinated by Prof. A. S. Kamble.

■ STTP on 'Emerging Trends in Power Sector Planning, Economics and Regulations'



Dr. B. E. Kushare, Omkar Buwa, Mr. Anil Kale, Prof. Dr. Keshav Nandurkar

VFD WITH LINE REACTOR
EFFECT OF LINE REACTOR ON % THD
% LINE REACTOR IMPEDANCE, WHICH IS THE VOLTAGE DROP DUE TO INCREASE IN RATED CURRENT EXPRESSED TO RATED LINE TO LINE VOLTAGE
CALCULATION OF % Z OF LINE REACTOR
The general equation for calculating the percentage impedance of a line reactor is given below:
$$I_{sc} \times 2\pi f L_{sc} \times 100 \div V_{LL} = \% Z$$

% REACTOR USED TO ABSORB POWER LINE SPIKES TO PREVENT MISUSE TRIPPING OF VFD
% REACTOR USED TO REDUCE CURRENT HARMONIC DISTORTION OF VFD

STTP on “Emerging trends in power sector planning, economics and regulations” Department of Electrical Engineering of our institute was organized STTP on “Emerging

trends in power sector planning, economics and regulations’ during 6th to 10th April 2021. Guest Mr. Amit Kale, Principal Dr. K. N. Nandurkar, Prof. Dr. B. E. Kushare, Dr. R. K. Munje were present for the inauguration of the workshop. The total 296 industry persons and academicians attended the STTP.

■ Expert Lecture/Seminar/Courses/Workshop Conducted:

- Electronics and Telecommunication Engineering Department had organized Webinar on “Mock Interview Session for Campus Placement” by Ms. Shreya Chaudhari, System Engineer, Infosys Ltd. Pune on 13/03/2021.
- Production Engineering organized Expert Lecture on “Opportunities and skill required for industry 4.0” by Mr. Sagar Laddha, Varroc Group, Aurangabad on 10/04/2021
- MBA Department organized Expert talk on 'Opportunities and Challenges in the Insurance Industry' by Mr. Sunil Brahmanekar, Associate Regional Business Head, Care Health Insurance Ltd, on 17/03/2021 and expert talk on 'Technological Interventions in HRM' by Ms. Shruti Bhude, HR Manager, Eaton India System Pvt Ltd, Nashik on 20/03/2021. Same department also organized expert talk on 'Ethical decision making in business matrix' by Mrs. Ranjana Patil, CEO, Swaraj Narrow Fabrics Pvt Ltd, Nashik on 03/04/2021, Expert talk on 'Rural Agri-Marketing' by Dr. Ramnath Jagtap, MD, Krishidoot Bio Herbals Pvt Ltd, Nashik on 15/04/2021 and Expert talk on “World Class Manufacturing” by Mr. Ganesh Kothwade, Senior Vice President, ABB Ltd, Nashik on 17/04/2021

■ Expert Lecture/Seminar/Courses/Workshop Attended:

- Electronics and Telecommunication Engineering staff Dr. S. A. Patil (Ugale) & Mrs. M. P. Joshi attended Webinar on “VLSI System on chip design” on 20/03/2021. Mr. D. D. Khartad attended Training course on “Orientation towards Technical Education & Curriculum Aspects” from 01/01/2020 to 23/03/2021. Prof. Mrs. V. R. Lele has attended webinar on Liver Health on Occasion of “World Liver Day” on 19/04/2021.
- Electrical Engineering Department staff Prof. T. N. Date attended Online course: English for Beginners: Intensive Spoken English Course

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for twelve weeks. Prof. G. N. Jadhav attended NPTEL course on Power System Protection and Switchgear of 8 Week. Prof. M. R. Rade and Prof. J. A. Mane attended online course: Presentation skills: Designing Presentation Slides of 4 weeks. Prof. O. N. Buwa attended workshop on "Advanced Power System Optimization using GAMS" from 18/01/2021 to 23/01/2021.

- Production Engineering Department staff Dr. N B Gurule completed online course on "Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Preparation". Prof. A. S. Kamble completed online course on "Workshop on Robotics using Robo analyser".
- MBA Staff Dr. S. P. Dhake has completed NPTEL course on 'Roadmap for Patent Creation' from January 2021 to March 2021.

■ Training & Placement :

Name of Company	Name of the Dept.	No.of students selected
L & T Infra Ltd	Civil Engg.	01
FACE	Computer Engg.	01
	IT	01
KPIT Technologies	IT	01
KSB Pumps	Electrical Engg.	02
	Mechanical Engg.	03
Sys Tools	MCA	01
Accenture	Computer Engg.	04
	IT	01
	Electronics Engg.	02
	Electrical Engg.	01
Wipro	E & TC Engg.	01
	Electrical Engg.	02
	IT	03
Lentra	Computer Engg.	02
	IT	02
Persistent Systems	Electrical Engg.	01
	Electronics Engg.	01
	E & TC Engg.	03
Yotta Infrastructure	E & TC Engg.	01
	MBA	01
Aress software	MCA	01
IDFC First Bank	MBA	02
Property Pistol	MBA	03
Speedlabs	MBA	02



New Robotics Lab

■ Congratulations



Hon Ashokbhai Merchant (Trustee)

Hon Ashokbhai Merchant (Trustee of K. K. Wagh Education Society) has been elected unopposed as the President of Explorers and Adventures Club for the period April 2021 to March 2024.

■ Congratulations



Prof. Dr. K. N. Nandurkar (Principal)

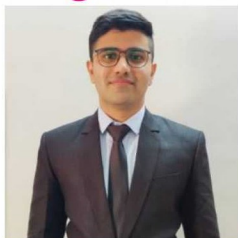
Principal Dr. K. N. Nandurkar has been invited to join as Co-convenor, CII Maharashtra State Panel on Industry- Academia Connect by CII Maharashtra State Council. He was also invited as a panel speaker for the Global Engineering Education Panel during the second South American International Conference on Industrial Engineering and Operations Management, Sao Paulo, Brazil during April 5-8, 2021.

■ Congratulations



Prof. Dr. G. B. Daware, Assistant Professor of Chemical Engineering department of our institute has completed Ph.D. from Institute of Chemical Technology (ICT) Mumbai under the guidance of Prof. P. R. Gogate. Topic of PhD was "Removal of Pyridine Derivatives from wastewater using combination approaches involving adsorption, ultrasound and advanced oxidation".

■ Congratulations



Mr. Tejas Sunil Ahire, BE Mechanical (2019 batch)

Mr. Tejas Sunil Ahire, BE Mechanical (2019 batch) received Gold medal in University May 2019 examination. He has also CAT 2018 Score– 90.45 percentile and MBA CET 2019 – 99.78 percentile. He got admitted in JBIMS through CET score

Gold Medals won by Mr. Tejas Ahire are as follows:

1. The Vaman Keshav Savley Gold Medal
2. The G. H. Raisonni Gold College
3. The Late Ayurvedtirth Hari Vishnu Deswandikar Gold Medal
4. The M Felo Award Tek Mahindra Ltd Gold Medal

■ Abstracts of papers presented during March/April 2021 **Enhancing Employability Skills and Placements in Technical Institutes: A Case Study**

Dr. Pramod K. Shahabadkar, Dr. Ajinkya S. Joshi, Dr. Keshav N. Nandurkar

(Published paper journal of Engineering Education Transformations, Volume 34, April 2021, ISSN 2349-2473, eISSN 2394-1707)

Abstract: Objective: Employability skills and placements are extremely important for any technical institute. Analysis of strengths, weakness, opportunities and challenges (SWOC) helps to make informed decisions on the inputs received from the stakeholders. The purpose of this paper is to identify the SWOC of training and placement cell of a technical institute, undertake initiatives based on the SWOC analysis and determine the impact of these initiatives. Methodology: IT tools like Google form were designed and employed to carry out the SWOC analysis. This Google form was sent to the students and responses were obtained from 1087 students. The students responses were grouped under strengths, weaknesses, opportunities and challenges and then segregated under five sub categories namely – institute and infrastructure; staff; teaching and learning; training / placement activities and mechanism or policies for

improvement. Based on the SWOC analysis, certain initiatives were undertaken to overcome the weakness and to explore the opportunities. These initiatives have been mapped with the SWOC are analysed to determine the impact. To remain within the scope of this paper, data related to training and placement activities are presented in this paper. This SWOC analysis has been conducted in an engineering college located in the western part of India in the state of Maharashtra. Findings: Findings indicate that there has been a significant improvement in the number of placements, average package and industry footfall following the implementation of the initiatives. Average placements increased by 36.03%, average package increased by 2.31%, maximum package increased by 40% and industry footfall increased by 35%. According to the recruiter feedback, a satisfactory increase of around 10 to 15% has been observed in the leadership skills, overall behaviour and sincerity of the students. Limitations: The present study has considered only the activities related to training and placement cell for enhancing the employability skills and placements in the institute. A larger study including other categories needs to be undertaken. Social Implications: The analysis is based on the opinion of the students, faculty, recruiters and actual values obtained after the implementation of the initiatives. Authors believe that a similar process with suitable modifications can be adopted to enhance the employability skills of students and placements of any educational institute. Originality: This study is original in the sense that data is collected directly from the students. Further, in this study systematic mapping of SWOC analysis, initiatives undertaken and outcome of these initiatives is being carried out. The outcome of this study will help the Management, Principal and other senior faculty in developing appropriate strategies for enhancing the employability skills and placements.

Keywords: Employability skills; Training and Placement; SWOC analysis; Higher Education; Global Competition; Quality Technical Education; Google Form; Google Sheets.

■ Selection of penstock material using Grey relational analysis (GRA)

Dr. S. R. Gangurde

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(Paper presented in International Conference on Sustainable Water Resources Development and Management (SWARDAM-2021)e-ISBN: 978-81-952843-9-9))

Abstract: Small hydropower is proven and clean renewable source of energy. In hydropower, electricity is generated, when water pressure is converted into mechanical energy by using hydroturbine and that energy is used to derive the electric generator. The major electro-mechanical components of power plant are the inlet valve, turbine, draft tube, gates, generator, control and protection equipment and substation for transformation of power to the transmission line. In terms of cost the major items are the penstock, turbine and generator. There are different types of penstock materials such as Polyvinyl chloride (PVC), High-density polyethylene (HDPE), Glass reinforced plastic (GRP), Mild steel (MS) etc. are available. Selection of an appropriate material for the penstock can be considered as a complex multi-criteria decision problem. To demonstrate decision-making approach, an example of small hydropower project is considered. Four different materials (alternatives) Polyvinyl chloride (PVC), High-density polyethylene (HDPE), Glass reinforced plastic (GRP), Mild steel (MS) are evaluated on the basis of five criteria: Yield strength (YS), Life (L), Thickness (T), Cost (C) and Maintenance cost (MC). Grey Relational Analysis (GRA) is used to evaluate and select the best alternative of material for penstock.

Keywords: Small Hydro Power Plant, Penstock, Multi Criteria Decision Making, Grey Relational Analysis

■ **Seismic Appraisalment of Building with Stilt Floor Using Composite Column**

Dr. Pravinchandra D. Dhake & A. D. Chaudhari

(Published book chapter in Springer Journal – Advance in construction Material and Structures)

Abstract: This paper investigates the effects of providing steel-concrete composite column at soft-storey level in place of a reinforced concrete column. The main parameters include the storey displacement and drift, base shear, axial force, shear force and bending moment. The linear and nonlinear analysis are used to assess the seismic response of the building using steel-concrete

composite columns at the soft-storey level. For linear analysis, the response spectra method (RSA) is used, and for nonlinear analysis, time history method (THA) is used. The analytical work was conducted by considering the three different analytical models and modelling infill walls as an equivalent strut approach. The analysis is performed using finite element software SAP2000. The results obtained indicate that the replacement of soft-storey reinforced concrete columns with steel-concrete composite columns is possible because of higher strength and efficiency of a steel-concrete composite column. It is strongly recommended to provide steel-concrete composite column at the level of soft-storey to increase the performance of the silt floor.

Keywords: Steel-concrete composite column · Soft storey · Non-linear analysis

■ **A Contented Entrepreneur**

Prof. H. Amrutha & 02 staff of other institutes

(This case was developed by in the 3-day Online Case Writing Workshop organized by the Association of Indian Management Schools (AIMS) from September 28-30, 2020)

The case highlights the challenges faced by an ordinary man who was not willing to settle down for something mediocre. The situations described herein demonstrate the various entrepreneurial qualities of the protagonist, like risk taking, flexibility, networking, meticulousness, passion and hard work. The case further delves on the importance of a mentor in early stages of entrepreneurship to develop self-efficacy in the entrepreneur. Furthermore, the case questions the scalability of a venture which is curated as a brain child of the protagonist and delves into a discussion whether the protagonist is an entrepreneur in the first place.

■ **The CEO's Dilemma**

Harshada Shrikant Rayate & four staff of other institutes

(This case was developed during the Online Case Workshop organized by the Association of Indian Management Schools (AIMS) from September 28-30, 2020)

This case revolves around a company that attempts to sustain in the competitive and volatile environment using appropriate business

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strategies, understanding of risks involved in diversification, positioning of the organization and managing change in response to disruptions. Vijaya Kittu Manda is the CEO of Get Paid India.com. Under his leadership, his team developed a software domain that could capture and disseminate financial information. The USP of their product was the speed at which it could capture the financial information from the stock exchanges and the efficiency with which it could be disseminated to stock brokers. This breakthrough built up business opportunities to sell the data to 3000+ stock broking companies. Soon the transformation in technology developed a need for mobile application of their product. But the CEO did not realize the opportunity of shifting to mobile technology applications at the right time. Furthermore, situations turned more complex when initially SEBI indicated the changes in its policies and then occurrence of COVID-19 hit the markets badly. The need to sustain made it essential to diversify. The CEO realized the dearth of financial education and stock market awareness amongst the investors. Thus, the idea was to train the traders who were willing to take high risk to earn a decent amount of money. A new business model was developed that included training both Investors and Trainers on stock markets. Already struggling to sustain in the market, the CEO is worried again. He found out a report released by 'CRISIL and S&P Global Company' suggesting an occurrence of one of the worst recessions in India shortly. This puts his new training program division into a big risk as financial markets would crash to bare bottoms and investors would not risk their money in stock markets for some time. What do you think the CEO has to do now?

■ Health Care Warriors in Rural India

Dr. Saroj Dhake & five staff of other institutes

(The case was developed during the 'Online Case-Writing Workshop' organized by the Association of Indian Management Schools (AIMS) during September 28-30, 2020).

Abstract: Dr. Chittaranjan Mishra, the promoter of Chittaranjan Seva Sadan, Cuttack, Odisha did his MBBS from S.C.B. (Sriram Chandra Bhanj) Medical College & Hospital. Later, he did his MD in Gynecology in the year 1984. After completing

the medical course, he realized that there are no good hospitals in the vicinity of his village and that prompted him to conceive the idea of establishing a clinic first and then expand gradually into a hospital with a motto of: "Affordable Health Care Services". This was the first rural private hospital in the state of Odisha. It got approval to provide Health care services under various Government schemes. The case talks about various challenges faced by a typical rural hospital related to human capital, absenteeism, natural disasters and the outbreak of COVID -19 along with plans for future growth.

■ Case study on ZChem Specialties: Positioning Indian Brand in Global markets

Dr. Shalmali Gadge & six staff of other institutes

(This case was developed during the online Case Writing Workshop organized by Association of Indian Management Schools (AIMS), from September 28 – 30, 2020)

The ZChem Case is a lucid success story which conveys situations, events and practices leading to the success of the enterprise. It focuses on Leadership, Marketing, Quality and Financial Strategies which has taken the company to global shores within a span of 7 years.

Entrepreneurship journey is always mixing of various learnings, lessons and insights. Plethora of factors is responsible for successful reach of any organization. ZChem is no exception and has been through various kinds of ups and downs in its journey. ZChem has established itself to wider global market and has gained huge respect and repute in the market over these years. Two Directors of the company, Sajeew and Hari shared their insights on various aspects of their journey right from its inception to how ZChem is global brand now. Along the discussion, this case presents the facts about the Company, its core values, the strategies, the early challenges and steps taken to mitigate these challenges, major milestones and the way forward. The study also brings forth the entire entrepreneurial journey of ZChem and will offer valuable insights.



Prof. Dr. K. N. Nandurkar
PRINCIPAL

