SSIPMT RAIPUR

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR

Affiliated to CSVTU, Bhilai (C.G.) and Approved by AICTE, New Delhi

DEPARTMENT OF MECHANICAL ENGINEERING

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NEW HEAD TAKES PLACE...

Mr. Atul Chakrawarti
Head of Department, Mech

Mr. Atul Chakrawarti takes over the charge of the Head of the Department. He said:
"I express my sincere gratitude to the management for getting into me the worth and handing over the charge of Head to me. It is a responsibility confronted with opportunities and challenges. May God give me the strength to add starry feathers to the department. I hope and I am confident that I will get all support from my faculties, staff and students in this endeavour."

Innovation may lead to many solutions

Mr. Taranjeet Sachdev
Asst. Professor

At present we are facing two problems "energy crisis" and "water shortage" due to continuous growth of population and industrialization. Sources of conventional energy are limited and always related to some harmful effects like pollution.

Available water resources are huge but availability of fresh water is limited. Desalination of water using renewable energy sources can be an efficient solution. For students, project work is the platform for such innovations to solve the environmental and social issues in a simple and new approach.

Viability of Solar Energy in India

Mr. Ashish Ku. Upadhyay
Asst. Professor

Solar power in India is a fast developing industry. The country's solar installed capacity reached 26 GW as of 30 September 2018. India expanded its solar-generation capacity 8 times from 2,650 MW on 26 May 2014 to over 20 GW as on 31 January 2018. The 20 GW capacity was initially targeted for 2022 but the government achieved the target four years ahead of schedule. The country added 3 GW of solar capacity in 2015-2016, 5 GW in 2016-2017 and over 10 GW in 2017-2018, with the average current price of solar electricity dropping to 18% below the average price of its coal-fired counterpart.

So as mechanical Engineer Pursuing a higher degree in Solar Energy will be vital component in securing future. Either the students can choose Solar Energy as their thesis work or can undertake any courses also.

Alumni Section

Sachin Meena
Tata Consultancy Services
(Batch 2012-2016)

5 THINGS YOU MUST DO IN COLLEGE DAYS

Hello Readers,

I was a student of Mechanical Branch,2016 Batch. And currently I'm working in Tata Consultancy Services. After a 2.5 years of professional experience, I've noticed 5 THINGS which I consider as the fundamental keys for any professional career.

so, without further ado, here are the five fundamentals for any professional career.

1. Communication Skills

Communication is the heart of every organization. Everything you do in the workplace results from communication. Therefore good reading, writing, speaking and listening skills are essential if tasks are going to be completed and goals achieved.

2. Positive Attitude

A positive attitude helps you cope more easily with the daily affairs of life. It brings optimism into your life, and makes it easier to avoid worries and negative thinking. If you adopt it as a way of life, it would bring constructive changes into your life, and makes them happier, brighter and more successful.

3. Learn something New

Learning something new gets us access to new and different opportunities and the chance to try new experiences that might be the best ones you have ever tried!

4. Practical Knowledge rather than Theoretical knowledge

practical knowledge is more important than theoretical knowledge.Practical work includes experiments in laboratories, study tours, projects, assignments etc. the advantages of practical work are unmatched. Getting theoretical knowledge has no value until students can apply it for practical purposes.

5. Pursue Your Passion

Every human being is passionate about something that drives them in their life. So if you believe that you're really passionate about something and you Can do it. Then you should definitely purse your passion. You must understand that if you do not get to pursue your passion or fulfil your dreams in this lifetime you would not get another chance to do so.

I hope you guys like this article and find it useful, Thanks for reading.

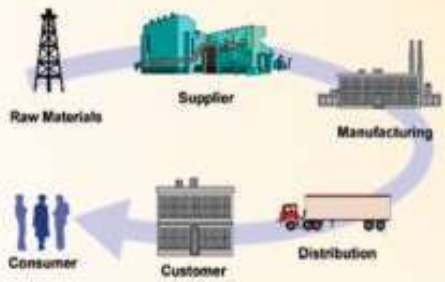
"SCIENTISTS DREAM ABOUT DOING GREAT THINGS. ENGINEERS DO THEM".

James A Michener

EMERGING TRENDS IN MECHANICAL ENGINEERING

SUPPLY CHAIN MANAGEMENT

Supply Chain Management (SCM) is the management of the flow of goods and services and includes all processes that transform raw materials into final products. It involves the active streamlining of a business's supply-side activities to maximize customer value and gain a competitive advantage in the market place.SCM can boost customer service, reduce operating costs, and improve a company's financial position. Other benefits include reduced inventory costs, better information sharing between partners, improved process integration, and improved quality. Career perspectives are ideal for Mechanical engineering graduates and can work in a fascinating context with many international assignments. And things are going to become even more exciting in the coming years and decades: Innovations like autonomous warehouses, self-driving trucks and ships, drones, or even Hyperloop will certainly shake things up



Mr. Naveen Jain
Associate Professor
Dept. of Mechanical
SSIPMT

Media Speaks

to SSIPMT team to represent C'garh on National-leve

600 टीमों को पराजित कर शंकराचार्य रायपुर ने नेशनल कॉम्पीटिशन में बनाई जगह

शहर के स्टूडेंट्स ने बनाया ऐसा कृत्रिम हाथ जो सामान्य इंसान के हाथ की तरह करेगा काम, 600 टीमों को हरा नेशनल कॉम्पीटीशन में बनाई जगह

600 टीमों को हरा शंकराचार्य रायपुर के छात्रों ने नेशनल काम्पीटिशन में बनाई जगह

Students develop ₹5K prosthetic hand

Raipur: Students of the Mechanical Engineering department of Shri Shankaracharya Institute of Professional Management and Technology (SSIPMT) bagged the prestigious "Students Vishwakarma Award."

The students made a cost-efficient prosthetic hand, which is set to give a new ray of hope to the physically-challenged people and accident victims.

wangan and Pratyush Janghai, who bagged the award, said that the artificial hand now available in market costs Rs5 lakh, which everyone cannot buy. However, the prosthetic hand designed by them will cost only Rs. 5,000. The team will now represent the state at the national-level competition in New Delhi.

More than 600 teams had participated in the competition

Council for Technical Education (AICTE), Engineering Council of India (ECI) — and Indian Society for Technical Education (ISTE).

Congratulating the students, Chairman (BG) Nishant Tripathi also congratulated the mentors of the project Professor Pradeep Sahu and professor Atul Chakrawarti, HOD Mechanical. He also wished the students luck for the final com-

Events Organized by Mechanical Engineering Department

SSIPMT's Got Talent 3.0 (Talent Hunt Show)

Robo Line follower Competition

Robo Hurdle Competition

Robo Soccer Competition

Robotics Workshop

Seminar on Communication Skills

Placements

Pankaj Ganguli
Nucleus Software

Md. Kazim Ali
TCS & Nucleus Software

Akash P Murali
Pinclicks, Banglore

Ojaswa Banerjee
Pinclicks, Banglore

Internships

Suraj Jain
Ashok Leyland, Raipur (6 months)

Gourav Sahu
Ashok Leyland, Raipur (6 months)

Achievements

SNo	Technical Events	Name of Students	Held at
1.	AICTE Regional Chhatra Vishwakarma Award 2018 (Winner)	• Aashish Sahu (7th sem) • Mohaneesh (5th sem) • Pratyush Janghel (7th sem)	OIT, Bhopal
2.	CSVTU Model Making Competition (Runner up) 2018	Aashish Sahu (7th sem)	REC, Raipur
3.	Model Making Competition 2018 (Winner)	Aashish Sahu (7th sem)	NGEC, Raipur
SN	**Patents**	**Name Of Student**	**Year**
1.	Automotive gas stove controlled by servo motor and Wi-Fi* *under processing	Aashish Sahu (7th sem)	2018
SN	**Sports**	**Name of Student**	**Held at**
1.	CSVTU zonal level Basketball Competition 2018 (Winner)	• Prashant Yadav (5th sem) • Mandeep Jaiswal (5th sem) • Robinson Tigga (7th sem)	RIT, Raipur
2.	CSVTU zonal level Cricket Competition 2018 (Winner)	• B S Robin (7th sem) • Wayal Khan (7th sem)	SSIPMT, Raipur
SN	**Internship (Paid)**	**Name of students**	**Year**
1.	Ashok Leyland, Raipur (6 months)	• Suraj Jain (7th sem) • Gourav Sahu (7th sem)	Dec 2018
SN	**Cultural Events**	**Name of Students**	**Held At**
1.	CSVTU Intercollege Group Song competition 2018 (Winner)	•Sangeet Verma •Piyush Awasthi	RCET, Raipur
2.	CSVTU Intercollege Group Dance competition 2018 (Winner)	Sangeet Verma	REC, Raipur

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