



RIT CommuniQue

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Dear Readers,

It gives me immense pleasure in expressing myself to have a dialogue with all of you. I hope, majority of you would be doing quite well at this juncture. You would be probably in positions with 20 – 25 years of career ahead. I personally feel this is really a very important phase in our lives. The present age requires us to imbibe lot of skills and competencies to respond adequately to the various career demands. By this time, we have realized that we need to have life-long learning skills, as what we have learnt so far is 'just enough' to understand what we need to learn more.

In fact, after you left this institute, a new era in technical education has started which emphasizes more on developing these life-long learning skills during the phase of education at UG and PG levels. You really missed this during your phase of education as the education you received was more of the type of transferring information and very little of actually performing. Now what you need is, to demonstrate that you can perform in the ever-changing scenario. For this, what you need is lot of involvement in situations that you need to respond to.

Life-long learning skills are nothing different than ability of being close and keen observer of problems and identifying our latent potential that could be utilized or rather converted innovatively into problem –solving skills.

I wish all of you, all success in delivering best to your organizations. For this, whenever you need our support, please feel free to visit to the Institute. It will be very good learning experience for all of us, as well.

Wishing you a very prosperous future.

Prof. Surendra Gramopadhye

Dean, Quality Assurance

RIT

Alumni Profile



SUSHIL M. AWASARE

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Personal Dossier:

Date of Birth: 25th May, 1984
Current Address: Flat No. 16, Anujyot Apts, Sector 15, Koparkhairane – 400709, Navi Mumbai
Linguistic Abilities : English, Marathi & Hindi

Professional Brief:

An astute & result oriented professional with 7 years of experience in managing Electrical Engineering, Project Management, Operation & Maintenance, Installation, Testing and Commissioning.

Career Contour: Since Jun'05 with Larsen & Toubro Limited, Navi Mumbai as Assistant Manager – Projects (Control & Automation Division) *Joined as a Project Engineer in Jun'05 and rose to Assistant Manager in Jul'11*

Projects Executed:

Clients:

- National fertilisers limited, Madhya Pradesh
- Chettinad Cement Corp Ltd., Kallur – Karnataka (Greenfield Project)
- Mombasa Cement Limited, Mombasa – Kenya
- Orient Cement Ltd., Jalgaon – Maharashtra
- Vanderlande Industries, The Netherlands A/c HIAL - Hyderabad
- Vanderlande Industries, The Netherlands A/c DIAL
- Indian Navy, INS-NIPAT, Naval Dockyard, Mumbai
- BHEL, Banglore, A/c Indian Navy

Extramural Engagement

Served as a President of Electronics Engineers Students Association (EESA) during Engineering in 2004-2005.

Student Article

Effects of Global Warming

The cruel perspective of global warming.

Global warming is phenomenon of increase in the average temperature of an atmosphere of the Earth and the World ocean. During the last century average temperature of the ground has risen on $0,6 \pm 0,2$ °C . What causes climate changes? Climate changes are caused by a lot of natural processes - variations in the earth's orbit, solar activity, volcanic emissions, but present climate changes and global warming are for the most part human-caused . Human activities have the main influence on pollution and increase in carbon - dioxide emission. The atmospheric concentration of carbon dioxide has increased by 31 percent during the 150 years of the industrial age. Carbon dioxide is the principal greenhouse gas. Other greenhouse gases are methane and water vapor. The Greenhouse gases accumulated in atmosphere and trap sun's heat and light in the earth's atmosphere . As a result temperature in Earth surface rises - this is known as Greenhouse Effect. Carbon dioxide (CO₂) emission comes from power plants, from cars , from the burning of gasoline, from buildings, airplanes, trucks...etc To prevent global catastrophe and to slow down global warming, Kyoto protocol has been signed by 141 countries. The Kyoto protocol is international agreement with goals to reduce greenhouse emissions and to decrease Global Warming.

There are different consequences of global warming : greenhouse effect ,coastal flooding ,ocean warming, sea-level rising , Arctic and Antarctic warming and melting , shrinking of a glaciers... All of us can notice spring arriving earlier , or feel climate changes . Rising of temperature and global warming have influence on infections spreading, animal population changes , killer hurricanes, heat waves, Prognoses of scientists are very pessimistic , By the end of 21 century, the temp. of the earth will increase up to 4-5 °C average. There are also more pessimistic forecasts. Planet Earth and human race are in great danger. Global warming threaten to make life on the earth impossible .

It is necessary to observe, that the climate on our planet constantly varies. e.g. epochs of global warming are replaced by glacial ages and on the contrary - periods of Earth warming and cooling occur in cycles.

The positive greenhouse effect - water aerosol clouds absorb infrared radiations. Negative greenhouse effect - clouds reflect sunlight .

Spring comes 9 days earlier , winter comes 10 days later.

Since 1978 Arctic sea ice area has shrunk by some 9 percent per decade.

Programs Organised



TWO WEEKS ISTE WORKSHOP ON “**Introduction to Research Methodologies**” Under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT Bombay, In association with Rajarambapu Institute of Tech. Sakharale. Department of Computer Science and Information Technology ,June 25th, 2012 to July 4th, 2012

Topics covered in the workshop are as follows:

1. Doing research
2. Productive Thinking
3. Stress and Time Management
4. How to read research paper
5. Role of Statistics in Research Methodologies.



Department of Civil Engg. Organized one week short-term Training Programme on

“**Practical application of Finite Application Method in Civil Engineering using ANSYS Software from 5th -9th April 2012.**”

Coordinator-Dr. P. S. Patil & Dr. H. S .Jadhav

This STTP was organized to introduce ANSYS Software to Civil Engineers. Total Participants = 29 .

Staff Achievement



Dr. Sandeep M Shiyekar has presented two papers at International Conference on Nano, Micro and Macro Composite Structures, ICNMMCS, 18-20 June 2012, The Polytechnic University of Turin, Turin, Italy

Best Paper Award -

Prof. Amol C. Adamuthe & Sandip U. Mane along with an M. Tech. student Rupali M. Pandharpatte presented a paper titled

“**Comparison of Genetic Algorithms and Tabu Search for Solving Two Shift Employee Scheduling Problem**”

in National Conference on Recent Advancements in Engineering (NCRAE-12), held at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201, Dist: Kolhapur, Maharashtra State, India .



Staff Achievement



Prof. S.S.GAVADE
has been awarded Ph.D. in Mechanical Engg. in year 2011-12 by Solapur University, Solapur under the guidance of Dr. BimleshKumar (J T Mahajan COE, FAIZPUR jalgaon)

Title : Some Theoretical and experimental Studies on ER Damper in semi active suspension system for road vehicle

Training & Placement



Triveni Turbine Ltd. Campus Drive on 31st May & 1st June 2012



Infosys Head HR visit to RIT on 13 April 2012



Scope T&M Pvt. Ltd. Campus Drive on 16 Apr 2012



Sports



Annual Prize Distribution of Sports Cricket Winner Team

Chief Guest of Function - Vaibhav Mangale, Marathi Actor, Hon. Shamrao Patil (Kaka) President, K. E. Society, Hon. Shamrao Patil (Anna) Member, BOG, RIT. Hon. Dr. S.S. Kulkarni, Director RIT

Motivational Quotes

- "There are only two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle." — [Albert Einstein](#)
- "To live is the rarest thing in the world. Most people exist, that is all." — [Oscar Wilde](#)
- "Good friends, good books, and a sleepy conscience: this is the ideal life." — [Mark Twain](#)

Health Tips

- Always carry something to protect yourself from the downpour. a raincoat or an umbrella will do.
- Keep your body warm as viruses attack immediately when body temperature goes down.
- Avoid eating uncooked foods and salads. Because the possibility to get caught by germs increases.
- Do not allow kids to play in stagnant polluted water filled puddles.

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