



An Alumni News Letter

RIT CommuniQue

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Dr. Mrs. Sushma S. Kulkarni (Director, RIT) listed in Top 100 Most Influential Directors of India (Education) by 5th World Education Congress



Team NEQUIT 2.0 with Director, Dean and HOD

TEAM NEQUIT 2.0: Automobile and Mechanical Engineering Department students have secured All India Rank 21 in students' formula racing i.e SUPRA-2016. The competition was organized by SAE-INDIA in collaboration with MARUTI-SUZUKI. The Formula car prepared by students was inspected by German and Russian experts. Total 176 teams had participated in this competition. Team NEQUIT 2.0 performed excellent in static presentations i.e design, cost, CAE and Marketing. Team has successfully completed dynamic test named tilt, regress, noise and brake. Prof. Yogesh S. Patil from Automobile Engineering worked as faculty advisor for team NEQUIT 2.0.

Solar Car: Electrical and Automobile Engineering dept. has developed a "Solar Powered Car". This Solar Powered Car is fully electrical driven commercial car with seating capacity of five people with 10 Kg. of luggage. Main power source used is solar energy and it is extracted by five 200 W solar panels installed on roof of the car. This project was successfully completed under the guidance of Prof. D. G. Thombare, Dr. H. T. Jadhav, Prof. S. R. Patil, Prof. L. M. Jugulkar, Prof. Namdev Gujalwar, Prof. Amey Patawardhan and Prof. S. S. Godbole.



Distinguished Alumni



Name:- Tushar P. Arbune
Branch:-
 Automobile Engineering
Year of Passing:- 2007
Institute :- RIT, Rajaramnagar

Email :-

tushararbune@gmail.com

Website :-

www.tushararbune.com

Profile:-

- Having authorization by Insurance Regulatory & Development Authority of India (IRDA) to act as an Insurance Surveyor & Loss Assessor in departments of Motor, Fire & Engineering.
- Nine years of total experience in Automobile Field.
- Founder & CEO of "Autohelp" - a Brand under Glaube Fieldserv Pvt. Ltd.
- Managing director at Glaube Auto Pvt. Ltd.

Skills :-

- Management.
- Interpersonal skills
- Communication
- Technical - Automobile
- Insurance - Legal
- Investigation- Insurance
- Presentation

Experience :-

- Reliance General Insurance Company Ltd:-
June 2007 to August 2008
- Satish Pawar & Associates:-
(Sept 2008 to Sept 2009)
- Tushar Arbune & Associates:-
(Established in October 2009) own firm (Proprietor)
- Glaube I Vision:-
(Established in October 2011)
- Glaube Fieldserv Pvt Ltd:-
(Doi Nov 2013) - Managing Director.
- Glaube Auto Pvt Ltd:-
(Doi November 2015) - Managing Director.



Name:- Mr. Shiv Shambhu Kumar Suman
Branch:-
 Electrical Engineering
Year of Passing:- 2010
Institute :- RIT, Rajaramnagar

Highest Qualification :-

M. Tech Power Systems

University :-

Malaviya National Institute of Technology, Jaipur.

Profile:-

Currently working in Power System Operation Corporation Limited at Eastern Regional Load Despatch Centre (ERLDC) Kolkata. ERLDC is the apex body to ensure integrated operation of the power system in the eastern regional grid of India. Power System Operation Corporation Limited (POSOCO) is a wholly owned subsidiary of Power Grid Corporation of India Limited (PGCIL). It was formed to handle the power management functions of PGCIL. It is responsible to ensure the integrated operation of the Grid in a reliable, efficient and secure manner. It consists of 5 Regional Load Despatch Centres and a National Load Despatch Centre (NLDC). The subsidiary may eventually be made a separate company, leaving the parent firm with only the task of setting up transmission links. The load despatch functions, earlier handled by PGCIL, will now come up to POSOCO.

Past Experience:- Worked with Mewar University Chittaurgarh, Rajasthan from July 2013 to June 2015. Assistant professor in Babaria Institute of Technology, Vadodara, Gujarat from June 2015 to June 2016.

Areas of specialization:- Power System Security Assessment, Electricity Market

Alumni Interactions/Achievements

Industrial Training by CIRT

Central Institute of Road Transport (CIRT), Pune has provided industrial training for 12 Final Year students of Automobile Engineering department. Our first batch alumnus Mr. Vitthal D. Chavan extended his



support in availing this opportunity for students. The Central Institute of Road Transport (CIRT) is a Government of India undertaking, established in 1967, with an aim to improve the public transport system in India by developing efficient management systems through research and by providing testing and consultancy activities in the field of road transportation. The Institute is located on the Pune-Nasik Highway in Pune, Maharashtra. The Institute works under the Association of State Road Transport Undertakings (ASTRU) which controls the State Road Transport Corporations. The Institute makes services available to public and private sectors and undertakes projects and provides testing facilities through its various laboratories. RIT is the first institute to whom the opportunity was given by CIRT to undergo such industrial training. The students completed their training in CIRT, Pune from 20th June to 1st July, 2016.

Students: Taware Prasanna Ravindra, Jadhav Shivali Suhas, Lad Vivek Shripati, Navale Siddharth Dayanand, Chothe Pratik Prakash, Patil Veerendra Yashwantrao, Patole Rohan Mohan, Patole Tushar Mohan, Todkari Akshay Navnath and Selkar Shubham Chandrashekhar participated in this training. Students were benefitted from this training.

Examiner for M. Tech

Dr. V. T. Tale (alumnus, Automobile Engineering, batch 1999), Dean Academics, G. S. More College of Engineering, Balewadi, Pune visited RIT on 25th June, 2016. He was invited as an external examiner



for the final presentation and viva of M. Tech Dissertation of Automobile Engineering programme of RIT.

Bhaskar Award 2016

Mr. Tushar P. Arbune (alumnus, Automobile Engineering, batch 2007) received a national level "BHASKAR AWARD 2016" given by Maharashtra Journalist Foundation. Mr. Arbune received this award from gracious hands of honorable Chief Minister of Goa, Mr. Laxmikant Parsekar and honorable Mr. Prakash B. Amte on 26th May, 2016 in Dinanath Mangeshkar Kala Academy, Panjim, Goa. Mr. Tushar Arbune is an entrepreneur and proprietor of Tushar Arbune & Associates, Glaube I Vision, Glaube Fieldserv Pvt. Ltd. and Glaube Auto Pvt. Ltd. in Pune. In a small span of time he has achieved a great success in his own business. He is a true inspiration for young entrepreneur aspirants.



Alumni Interactions

Current Market Situation

Miss. Madhuri Lad (alumna, MBA, batch 2013) visited to the institute. She is presently working as HR Executive in IB Automation Engg. Projects Pvt. Ltd. Pune. During this visit, she interacted with



faculties of MBA department. She revealed her experience about present market situations.

Placement Opportunities

Mr. Harshal Ghadake (alumnus, Management Studies, batch 2015) visited to the institute. He is presently working as an Assistant Sales Officer for Madura Coats Pvt. Ltd. Bhiwandi, Thane. During this visit, he interacted with faculties of MBA department. He revealed placement opportunities for RIT - MBA students in Madura Coats Pvt. Ltd. He shared his experience about different promotional policies for distributors adopted by company.

Employment Opportunities

Mr. Pankaj Suryagandh (alumnus, E&TC, batch 2003) working as Head Planning, Bharati Airtel Ltd. visited institute and interacted with faculty and students about employment opportunities in communication sector.



Business Development

Mr. Mandar Chavan (alumnus, Management Studies, batch 2013) visited to the institute on 13th June 2016. Mr. Mandar Chavan presently working as Business Development Officer for Alpha Techno



Force Ltd. Kolhapur. During this visit he interacted with faculties of the department. He shared his experience about present market situations.

GATE, NICMAR & Civil Services

Er. Vinayak Supekar and Er. Onkar Salunkhe (alumni, Civil Engineering) conducted an expert lecture on "GATE, NICMAR & Civil Services preparation" for Third Year Civil Engineering students. Currently both of them are working as Assistant Manager in Gammon India Ltd, Mumbai. Total 80 students benefitted from this lecture.

Design of Prefabricated Building

Er. Rahul Ashok Dingane (alumnus, Civil Engineering, batch 2000), owner of Vastustruct Pvt. Ltd. Pune, delivered an expert lecture on "Design of Prefabricated Building" for M. Tech. Structure students. Total 24 were benefitted from this expert lecture.



Alumni/Faculty Achievements



Name:- Mr. Karan Ahuja
Branch:- Electronics & Telecommunication
Year of Passing:- 2015
Achievements :-

Got admission for M.S. in Rutgers State University of New Jersey, New Brunswick, US. He has secured 312 marks out of 340 in GRE and 96 marks out of 120 in TOEFL.



Name:- Mr. Sohail Z. Patel
Branch:- Information Technology
Year of Passing:- 2016
Achievements :-

He has secured 307 marks out of 340 in GRE and 85 marks out of 120 in TOEFL. He is aspiring for admission in foreign university.



Name:- Mr. Nakul Wali
Branch:- Electronics & Telecommunication
Year of Passing:- 2010
Achievements :-

Represented Waterford institute of Technology and TSSG at an all-expenses paid trip to a tech festival in the Netherlands recently through the European Commission funded Face Entrepreneurship project. The TSSG software research engineer won the trip for being the most active and highest rated on the FACE Entrepreneurship community platform.



Name:- Dr. Sandeep R. Desai
Branch:- Automobile Engineering
Experience:- 12 Years
Achievements :-

Completed his Ph.D. from Savitribai Phule University, Pune under the guidance of Dr. S. Pavitrans, Mechanical Engineering Department, Vishwakarma Institute of Technology, Pune. His topic of research was "Experimental Analysis of Fluid Elastic Vibration in Finned Tube Arrays subjected to Single and Two-Phase Cross Flows".



Name:- Prof. Sachin S. Patil
Branch:- Computer Science & Engineering
Experience:- 13 years
Achievements :-

Invited as a resource person for an STTP on topic "Big Data - Research & Recent Trends" at DACOE, Karad (1st April, 2016) and ADCET, Ashta (23rd May, 2016).



Name:- Prof. Maruti Jadhav
Branch:- Electronics & Telecommunication
Experience:- 7 years
Achievements :-

Has been certified by Microsoft Ltd. as Microsoft Certified Educator (MCE). Also he has successfully completed International Engineering Educator certification Program(IIEECP) supported by IUCEE and IGIP Austria.



Name:- Prof. Pradip D. Bamane
Branch:- Electrical Engineering
Experience:- 2 Years
Achievements :-

Dr. H. T. Jadhav and Prof. P. D. Bamane published a paper on "Temperature Dependent Optimal Power Flow using g-best Guided Artificial Bee Colony Algorithm" in International Journal of Electrical Power & Energy Systems, 77:77-90, 2016 under Elsevier BV Publisher.



Name:- Dr. H. T. Jadhav
Branch:- Electrical Engineering
Experience:- 20 Years
Achievements :-

Completed his Ph.D. from The Sardar Vallabhbhai National Institute of Technology, Surat. His topic of research was "Probabilistic approach to Economic Dispatch of Power Plants and Optimal Power Flow of Power Systems incorporating Wind Power and V2G Source".

Workshops Organized

Curriculum Design Workshop

Mechanical Engineering organized one day workshop on "Curriculum Design and Development of Mechanical Engineering: Perspective 2025" under TEQIP-II on 22nd April, 2016 at RIT.



Dr. P. Bangarubabu (NIT, Warangal), Dr. Amit Arora (IIT, Mumbai), Dr. D. M. Kulkarni (BITS, Goa) and Mr. Makarand Kulkarni (Emerson Climate, Pune) were present for the workshop to discuss future trends in Curriculum. The objective of the workshop was to plan road map of curriculum in order to address; the drivers of curriculum development in terms of choice based credit system, mandatory courses and industry demands, policies of the government, contemporary issues.

Employee Training & Development

Management Studies department organized a guest lecture facilitated by Mr. P. G. Thakkar (Head, HR) of Godrej, Sangli on "Employee Training & Development" on 5th April, 2016. Students of First and Second year MBA (HR Specialization) attended this lecture. The lecture revealed an opportunity to students to understand importance of Training & Development practices in an organization.



Use of ICT in education

Computer Science & Engineering and Information Technology departments organized a four week Faculty Development Program on "Use of ICT in education for Online and Blended learning" in



association with Indian Institute of Technology (IIT), Bombay. This Faculty Development Program was conducted on 3 weekends: 14th and 15th May; 4th and 5th June; and 25th and 26th June, 2016 through A-view interaction with IIT professors.

There were 25 participants from different Engineering institutes affiliated to Shivaji University, Kolhapur

[Inset]: From left Mr. Dadaso. T. Mane (Remote Center Coordinator), Prof. Dr. S. M. Sawant (Dean Student Development, RIT), Prof. S. A. Thorat, (Workshop Coordinator) and all participants from various Engineering Institutes from Shivaji University, Kolhapur.

The following topics were covered during this Faculty Development Program:

- Devices for information capture, storage, and display
- The world of internet and web
- Evolution and spread of ICT in education
- Use of ICT for effective educational communication
- Online courses
- Blended/hybrid education
- Adopting online/ blended education in teaching-learning process
- Building and nurturing collaborative communities

Workshops organized/Industrial visits

Parallel Algorithms and Programming

Computer Science & Engineering department organized one week Faculty Development Program on "Parallel Algorithms and Programming" Under TEQIP-II and In Association with GPU Education



Center. The sessions were conducted by Mr. Mandar Gurav (IIT Bombay), Prof. A. J. Umbarkar (WCE Sangli), Prof. S. U. Mane and Prof. A. C. Adamuthe (RIT, Rajaramnagar).

The objective of the program was to make participants familiar about need of parallel algorithms, identifying applications that need huge computational power, design of parallel algorithms, research trends in high performance computing and enabling participants to quickly get started with writing GPGPU programs using CUDA C/C++.

Digital Library Resources

MBA department organized One Day Workshop on "Digital Library Resources" under lead college activity. Around 28 participants were benefitted of this workshop. Dr. S. A. N. Inamdar (Librarian, Walchand College of Engineering, Sangli) and Prof. Dr. Nishikant Bohra (HOD, DMS, RIT) were resource persons for this workshop.



Visit to ELECRAMA 2016

Automobile Engineering department organized a visit to ELECRAMA 2016. This meet was organised for M. Tech students. ELECRAMA has conceived and developed a thought leadership platform for



global utilities to share knowledge, experience, best practices, on ground issues and management of change amongst themselves. The platform would also set an agenda for the future, acting as a key enabler for the eco-system to develop optimal solutions, technology & products.

Global Student Forum

An industrial visit was organized by the department of Management Studies (MBA) to Tata Motors, Pune on 19th April, 2016. First and Second year (MBA) students were included in this visit. This visit provided an opportunity to the students to understand manufacturing process, quality practices, work culture and campus discipline of the Tata Motors Pvt. Ltd. Prof. Mrs. Mitali Bansode had coordinated this industrial visit. Dr. B. K. Sinha, Prof. Shrikant Karanjkar, Prof. Aniket Pardeshi and Prof. Madhuri Sawant accompanied the students.



Student Projects

Modelling and Analysis of Roof Top Standalone System

The electricity requirements of the world including India are increasing at alarming rate and the power demand has been running ahead of supply. It is also



now widely recognized that the fossil fuels (i.e. coal, petroleum and natural gas) and other conventional resources, presently being used for generation of electrical energy, may not be either sufficient or suitable to keep pace with ever increasing demand of the electrical energy of the world. The generation of electrical power by cold based steam power plant or nuclear power plants causes pollution, which is likely to be more acute in future due to large generating capacity on one side and greater awareness of the people in this respect. The world is preferring use of renewable sources for meeting power requirements. Solar energy is one of the renewable sources which is preferred often because of its flexible advantages like easy availability, easy convertibility etc. Taking into consideration, the Electrical department has taken initiative to work on project titled, "Modelling and Analysis of Roof Top Standalone System".

In this project, 12 solar panels, each panel have rating of 30 watts' peak (Wp) & 12v, connected in series and parallel to get desired output voltage and current rating. Upper & lower sets of 4 solar panels are connected in series with each other to become 2 separate sets. Remaining 4 solar panels are also connected in series with each other and this 3 sets are connected in parallel to get more power rating.

The solar panels used are Mono-crystalline type.

Reduction in Carbon Emission

In Indian Railways, Electricity is supplied from three types of sources i.e. State Electricity Board Supply, DG Sets and Solar Cells which is being used for the operation of the Signal & Telecom signaling System in Railways. Battery Sets are used for storing the Energy at all S&T installations. Whenever power is drawn from any of these sources, batteries are also charged simultaneously. Previously, only Electric power from the sources as mentioned above were available at Railway stations. In the recent past, Solar System has been installed at some stations for the generation of Electricity. Different cost is involved for use of Electricity from the above sources. The enumerable damage caused to the Environment while generating electricity through each of the above sources is different. Electrical department has started to work on the project titled, "Reduction in carbon emission through networking of power control management system of power supply for signaling system of Solapur Division".

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