

EMPOWER-2018

Invitation for Registration of Delegates

(Third & Final Year Electrical/M. Tech Students & Faculty)



Date: 17th February 2018 (Saturday) and 18th February 2018 (Sunday)

Venue: Department of Electrical Engineering,
Shri Ramdeobaba College of Engineering and Management,
Katol Road, Nagpur 440013 INDIA.

Exposition on Modern Technologies in Electrical Engineering

Date 20/01/2018

To,

Team Empower, Department of Electrical Engineering, RCOEM, Nagpur (Mah. State) is pleased to invite electrical engineering delegates for our annual mega event Empower-2018 scheduled on **17th and 18th February 2018**. The core concept is direct industry-student interaction in small batches. NAAC committee of HRD ministry has accepted this event as an **innovative idea**.

Shree Ramdeobaba College of Engineering and Management (RCOEM) is an autonomous college of UGC undertaking Engineering and Management studies for last 33 years. RCOEM is ranked 64th amongst all Engineering Colleges of India and 6th in Maharashtra, 14th amongst all the engineering colleges in Central and Western India (Maharashtra, Gujarat, Rajasthan, Telangana, Madhya Pradesh, Chhattisgarh,) including IITs & NITs, as per National Institutional Ranking Framework (NIRF) ranking 2017, MHRD, Government of India. It tops amongst all private engineering college in Maharashtra. Presently RCOEM has 9 Engineering departments along with departments of Management Technology and Computer Applications catering to over 5000 UG, PG and Doctoral students.

Team Empower, Department of Electrical Engineering, RCOEM, organizes a unique mega - event **EMPOWER** annually for the empowerment of **third and final year engineering students** in this region. The basic objective of this iconic event is to have active engagement of the industries of international repute with the graduating students and familiarize them with the latest developments in products, services and technologies.

The function is held for two days. Small batches of 25-30 delegates are formed. 8-10 Major industries are allotted independent halls in which the industry experts make presentations on latest technologies and display their latest products. After one hour the entire batch shifts to the next hall to interact with next industry. Another 8-10 companies display their products in exhibition halls. The students get excellent opportunity to interact one-to-one and get their queries answered from the experts from 18-20 industries. Also, on each day, an hour long expert lecture from eminent personalities is arranged for all the delegates. This year also, for **EMPOWER -18**, we anticipate enormous response from the industries as well as the participants. Many companies have already consented to participate in the event.

Student Delegates B. E. (III & IV Yr, M Tech)		Faculty Delegates	Industry Delegates
Rs 600/- Up to 9 th Feb. 2018	Rs.750/- After 10 th Feb 2018	Rs 1000/-	Rs 1500/-
Registration fee, through Cash or Cheque / DD in favour of "Shri Ramdeobaba College of Engineering & Management" payable at Nagpur. In case of any query, please do revert back.			

Prof. U B Mujumdar
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Prof. J. S.Joshi

Prof.N.M.Deshkar

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Empower & Industries

EMPOWER 2012 held in February 2012 had 10 industries; **ABB** (Switchgear & Drives), **L&T Switchgear** (Switchgear & Control gear), **Wipro** (Lighting), **Powerica-Cummins** (Engines & Alternators), **KEI** (Cables), **Grundfos** (Pumps), **Grandstream** (IP Phone systems), **Hager** (MCB & ELCBs), **Hioki** (Power Quality Analyzers) and **Carrier** (Air conditioning). Over **340 students** of Electrical & Mechanical Engineering branches from **10 engineering colleges** in the region actively participated in the event.

EMPOWER 2013 was held on 16th and 17th March 2013. 10 participating Industries were **ABB** (HT Switchgear, Drives, and GIS), **L&T** (Switchgear & Control gear), **Hager** (MCB & ELCB), **Texas Instruments** (MCU and DSP), **Rockwell Automation** (SCADA, RTU), **Schneider** (Meters & Reactive Power Management), **RF Arrays** (Wireless Technologies), **Bergen** (PCB Manufacturing & Sensor on Chips), **Biosys** (Medical Instrumentation) and **HP** (Cloud Computing). The function was a grand success with participation of **472 students** of third & final year Electrical, Electronics & Electronics & Communication Engineering from **22 Engineering Colleges** in the region. The format required each student's participation for one day.

EMPOWER 2014 was held on **8th and 9th March 2014** at Nagpur exclusively for Electrical Engineering Students who attended the event for two days. The popularity of earlier events ensured a very high turnout of companies and the participants. 16 participating industries were **L&T** (Switchgear & Control gear), **Finolex** (Cables & wires), **HP** (Cloud Computing), **Wipro** (Lighting), **Waree** (Solar PV), **High Rise Transformers** (Power & Distribution Transformers), **TDK EPCOS** (Reactive Power Management & Harmonic Control), **DV Associates** (Instrumentation & Controls), **Gentech** (Compressors), **Ojha Enterprises** (11/33 kV Substation Accessories), **Powerica** (DG Sets), **Pioneer Controls** (Variable Frequency Drives), **Synergiee** (Cable Fault Detection), Aqua Mist (Firefighting), **Western Engineers** (Control Panels). The function was a grand success with participation of **314 electrical engineering students** of third & final year Electrical for two days, from **16 Engineering Colleges** in the region.

Empower-17 was conducted on 7th and 8th January 2018. 17 participating industries were **L&T Switchgear** (LV Switchgear & Controlgear), **Crompton Greaves Consumer Electricals Ltd** (LED Lighting), **Hager Electro Pvt Ltd** (MCB, ELCB & Home Automation), **Rishabh Instruments Pvt Ltd** (Digital/ analogue Measuring Instruments), **Mitsubishi** (Coaltech automation- PLC & its applications), **KEI industries Ltd** (Wires & Cables), **Powerica Ltd** (DG Sets), **V. V. Associates** (Solar Electrical systems), **Highrise Transformers** (Power & Distribution Transformers), Instrument Sales Corporation (Earthing & Lightning Systems), **YOKOGAWA** (DSO, Power Meters & calibrators), **Western Engineers** (Control Panels), **D.V. associates** (Sensors & Transducers), T K Ghosh & Co (Overhead lines accessories, Conductors & insulators), **Stride Automations** (Electric Drives & controls), **V-Tech Engineers** (HT Metering Cubicles). Empower-17 was attended by 304 Electrical engineering Students from over 16 engineering institutions.

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Exposition on Modern Technologies in Electrical Engineering

Tentative Arrangement of Halls for Empower –2018	
Hall (Technical Seminar + Product Display)	Focus Area
Hall 1	Switchgear & Control gear
Hall 2	MCB, ELCB, Distribution Boards
Hall 3	EHV/ HV/ LV Cables and Wires
Hall 4	Metering Instruments, Instrument Transformers
Hall 5	Illumination
Hall 6	Earthing & Lightning
Hall 7	Solar Systems
Hall 8	Harmonics & Reactive Power Control
Hall 9	PLC, Automation, Drives & Control
Hall 10	Security Systems/ Automation
Exhibition	
E 1	Drives/ Sensors/ Cable Testing/ Firefighting/ Data Loggers/ Line Fault Detectors etc.
E 2	Electric Vehicles/ Transformers/ HT Switchgear/ Generators/ Motors/ Control Panels/ HT-LT Line Accessories etc.

EMPOWER – Exposition on Modern Technologies in Electrical Engineering



EMPOWER has been a flagship event organized annually by TEAM EMPOWER from Department of Electrical Engineering of RCOEM Nagpur. This programme is **recognized as the Innovative Idea by NAAC** (National Assessment and Accreditation Committee), the premier body of UGC, Govt of India for accreditation of Higher Learning Institutions. Perhaps no such programme is conducted elsewhere, seamlessly integrating the unified efforts of several reputed industrial houses in

the engineering field and an academic institution, to impart the state of the art knowledge in the Electrical Engineering & other streams. Earlier phenomenal success of Empower-12, Empower-13, Empower-14 and Empower16-17 has established a strong bond between many of the industrial houses of international repute, Engineering Institutions and working professionals in Central India.

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Some Feedbacks for EMPOWER:



“First, I thank RCOEM management for giving me the honour of being the guest speaker. It was first for me to speak to students, who are just stepping into field of industry. I got a sense of fulfilment as I got the chance to share my learnings with so many students from the dais.

I saw the staff of RCOEM well interested in the Empower 2017 event with clear deliverables and the appetite to do more. This “Do more” attitude which I saw visibly motivated me further and I found that I overshot my time in the post lunch session. My best wishes for the future events.”- Girish Tiwari, Vice President, L&T (Electrical & Automation), Powai, Mumbai.

“Dear Empower Team, Congratulations for a Great Event..!! Firstly, on behalf of Rishabh Instruments I would like to Thank & congratulate the **Team – Empower** for a successful event. When we got know about this event from our Sales Engineer, we were under an impression of a college level event. But the actual picture that we saw was on altogether a different pedestal. Hats Off to the whole team.

The event had all those things that we lacked while completing our Engineering – **the connect between Industry & Education sector**. This is a good initiative & we feel unfortunate that we could not participate in last 3 years. The pure motive behind organizing such an event was clearly visible & that energized us to give beyond our fullest efforts to endow to the budding Engineers. Right from the volunteers supporting the industry delegates to the senior faculty made us feel homely,



The overall organization of the Halls, the projector systems, the product display tables, etc. all the things were perfectly in place & in time. Also, the time management & the overall distribution & allocation of student batches was managed beautifully. –Pranav Bhargav, Product Manager – TMI Expertise, Rishabh Instruments , Nasik.



“Please accept our compliments for this very relevant concept of Institute-Industry-Interaction which is being implemented in RCOEM. I am very sure that this event will go a long way in enriching students and making them well prepared and ready for Industry as they graduate.... we will be looking forward to being part of Empower in 2014 for sure”- Mukesh Nimani, AGM, Switchgear Design & Development Center, L&T, Mumbai)

Exposition on Modern Technologies in Electrical Engineering

“Thank you very much for providing us an opportunity to showcase our product in front of “MAKERS OF TOMORROW”. The program had given us a stage where we could interact with over 350 students from almost all engineering collages from Nagpur which itself stamped the success of the program. We could know the expectation of the students who will form the decision maker’s batch tomorrow in the form of entrepreneurs or heading respectable position in Industry or Govt. deptt. In L&T we always believe that we are a “IMAGINEERING” company (Your Imagining & our engineering to produce products) so we are always in search of new ideas, new concepts, new imaginations which is most likely to come from the minds of those students only owing to their broader perspective. We once again thank you for offering us an opportunity to present our product range. We also wish that the program to be arranged on regular basis. We will definitely try and participate in coming events more actively. Looking at the great success of the program, we would like to congratulate to you & your team whose relentless efforts brought this success.”-**Sachin Kawle, L&T Electrical & Automation Products, Nagpur**



“It was pleasure indeed to participate in this event & interact with Engineering students of various branches. This experience has given us opportunity to understand thought process of young engineering minds which will help us in our future course of action. I must congratulate & thanks to organizers for meticulous planning of the entire event. Minutest of the details were well thought of & taken care. I also appreciate the quality of participating students who were curious to understand new technologies & industry practices. Overall the event was successful & for us it was a pleasure to be part of EMPOWER 2012. We wish a great & successful future to this activity.” - **Prasad Shiledar, Regional manager, Wipro Lighting.**

“We are very much thankful to Ramdeobaba collage of Engineering Nagpur, for giving us opportunity of discussing our product & Working principle of that with tomorrows Engineers. It was great experience for us to interact with young mind, their positive approach for getting knowledge & tomorrows demand of technology.



We are very happy on the arrangement done by management. We found all members had done heavy handwork for doing success to this event. We salutes to all members for their efforts for doing successful this events. We are requesting you for giving a chance in future also for participating in such great events.” -**Rupesh Tekade, Business Development – Vidharbha & Chattisgadh.**



“We created the best possible Demo & shared the Information by way of presentation. I am very sure this will definitely help the students during the academic session as well as in their working career. We at ABB will extend all support for such activities in future”- **Mr. Pawan Kotecha, Branch Manager, ABB.**

Exposition on Modern Technologies in Electrical Engineering

“We Powerica Ltd. and Cummins are indeed Thankful to you and your entire team of Empower-2012 for giving us this wonderful opportunity to interact with the brilliant Engineering students of all the Engineering colleges of Nagpur & Chandrapur. Secondly we would also like to mention here that the event was so well organized and went on so smoothly without any hiccups or problems. The efforts taken by the organizing staff and student was commendable .We shall continue to work with you and please do involve us in future too for any such event”
.-Sanjay Chakravorty, Branch Head, Powerica Limited, Nagpur - 440 010.

“Thank you very much for giving us a golden opportunity to present our company profile and products to the future generation engineers. We are confident such interactions will be mutually beneficial since the outgoing engineers will have a fairly good idea regarding the companies that are manufacturing relevant products and the companies will be assured that their brand name will registered with the engineers. We once again wish to express our heartfelt thanks to the management & staff of your institute for conducting the program in a very disciplined and interactive manner”- Saranjeet S Kohli, Manager Mktg KEI Industries Limited.



“We sincerely thank you for the encouraging feedback regarding our participation at Empower 2013. It was indeed a very special event for us, and it actually made us interact and understand the needs of upcoming generation of Engineers. Many of the students were very much interested and were surprised to understand a very different application of engineering. We thank you for providing us an opportunity to be a part of such a wonderful event and look forward to participate in future also.” Nilesh S Joshi- Owner, BIOSYS



Team EMPOWER 2017