

SPARKUP

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MHRD Sponsored IIT Bombay remote centre at RK University gets a 4 star rating

Ministry of Human Resource Development, Govt. of India under the National Mission on Education through ICT in which professors from IIT Bombay, train teachers on various topics at 314 Remote Centres established at reputed institutes across India. It was a proud matter for Saurashtra when in 2012 RK University; Rajkot was also selected for establishing of a Remote Centre. At these remote centres a number of training programs, webinars and interactive sessions for the faculty member, in and around the region of the established remote centre, are

carried out by the professors at IIT Bombay. Updating the knowledge of the faculty members is the first step towards facilitating learning of the students. Out of 314 Remote Centres in India, 18 remote centres have been established in Gujarat. Based on the number of programs conducted, number of participants trained under the program and the quality of equipments available for facilitating learning, the remote centre are given a rating by central committee of National Mission on Education at IIT Bombay. Out of 314 remote centres 28 are

having 0 star rating, 112 are having 1 star rating, 75 are having 2 star rating, 67 are having 3 star rating, 28 are having 4 star rating, and only 4 are having a 5 star rating. Out of the 28 four star remote centres, only two remote centres i.e. at RK University and at Nirma University have been rated with four stars, which is the highest in the state. Faculty Members from various institutes / educational organizations have attended over 25 program at RK University's remote centre. "This remote centre is a very effective way of quality up gradation of the

faculty members, which RK University duly concentrates on. Faculty members gain the technical knowledge as well as the attributes of effectively delivering the same to the students through experienced professors at IIT Bombay. We would keep organizing many more such programs at our remote centre and our aim is to make it more effective as well become a five star rated remote centre by the coming year." said Dr. Nilesh Kalani (Dy. Director – School of Engineering, RK University and the Coordinator of Remote Centre at RK University).

International Exposure for Students at RK University

International Relations Cell at RK University has always been putting in considerable efforts for providing opportunities to its students & faculty member, and have been successful in initiating collaborations with reputed foreign universities in United Kingdom, Canada, United States of America and Europe. The primary motive is to offer short term exchange programs ranging from 4 to 6 weeks for the students and for the faculty members, which would involve core academics, hands on experience, industrial visits, cultural exposure, and joint research and also visits to historical sites.

Materializing on the above efforts, the first batch of 21 students and 1 faculty member (Prof. Nirav Mandaviya - Asst. Professor, School of Management, RK University) had travelled to Wrocław University of Technology (WrUT), Poland (Europe) for a period of six weeks. This had marked first independent International Exchange Program by a higher education organization in Saurashtra. The group of 21 involved students from Engineering, Computer Applications & Management / Business Administration backgrounds. The Management / Business Administration students had studied the subjects, International Business, Strategic Management, Economic

Marketing Planning and Polish Language. Computer Engineering / Computer Application students had studied the subjects, System Programming, Object Oriented Programming and Polish Language. Mechanical Engineering students had studied the subjects, Operations



Reliability & Safety of Technical Systems, Machine Design, Design of Transmission System, Welding Technologies and Polish Language. These subjects are a part of the students' curriculum at RK University and during the six weeks students had studied equivalent number of lecture & practical hours for the respective subjects and appeared for examinations at WrUT. The grades & credits obtained by the students at WrUT for the respective subjects would be accepted by RK University and the students wouldn't have to appear for the examinations of those subjects at RKU. On completion, the students were awarded certificates of course completion from WrUT, Poland for the subjects they studied there.

"In the coming months we would be having exchange programs with universities in UK & Canada as well. Being the First Private University of Saurashtra we are also planning to help the students of other colleges in Saurashtra to have the opportunity of getting international exposure. We

believe that a strong network of education organizations in our region and abroad would contribute largely towards positive reforms in holistic education in Saurashtra, which is one of the key targets of RK University.", said Mr. Denish Patel (Executive Vice President, RK University).



Vijay Chavada selected as Google Facilitator for Applied Computer Science with Android program



Vijay Chavda, a student of 3rd year Computer Engineering at RK University, has been selected as Google Facilitator for its "Applied Computer Science with Android" program. He would be attending a facilitator program at Google Head Office after which he would be delivering up-skill programs of 50 hours / year in the said domain. We congratulate and wish him, all the luck & success.

University Bridge Program

Education in University is a doorway to step into a whole new world of experiences and it is an important phase in an individual's life where one enters from confined boundaries of a school to exploring avenues of the University. In order to provide a gentle shift from school education to higher education, RK University has innovatively designed a unique program known as University Bridge Program which gives students an insight and firsthand experience of life skills.

The program includes general courses like Life Skills, English as Second Language acquisition, Information Literacy in 21st Century, Importance of Social Media, Sports and Yoga to

cope with the challenges of the competitive world. Apart from these, a session on University Orientation and a brief about Students Organizations Advisory Council (SOAC) are especially designed to make students aware about various university initiatives developed to provide a tangible platform for the versatile potential of students. Engaging and exciting sessions / activities make students feel happy about learning at the same time they develop functional skills like network building, public speaking and experience sharing that increases students' quality performance in a 360 degree approach. Designing such a course has been no small task. It involves months of

course planning, activity designing and managing every logistic challenge to implement the course in the entire university on the common platform. Thus, in their early college days itself,

the learners can be the captain of their own ship and can have their own compass for searching the fruitfulness in this ocean of knowledge.



Saujanya Chikkala
(M.Sc. Microbiology, School of Science)

I was quite simple and shy during my school days. But at RK University I learned how to communicate with people, life skills, many new things related to computer and last but not the least I enjoyed a lot in ESL classes and a very big thanks to all the faculty members for boosting my energy. Today what I am here is my modified form.



Yashika Nalla
(M.Sc. Microbiology, School of Science) Being a new student I was pretty much nervous about my joining in the university. But UBP has been a good guide for improving my English, speaking skills, my knowledge over computer technology and mainly in building my confidence for speaking in public (i.e. stage fear). I feel blessed to join RKU and UBP is probably the best experiences in my life.



Nikisha Daiya (Agricultural Engg., School of Engineering)

It seems like yesterday I was a school student giving class presentations and now I am at university. Here, I learned many new things from UBP and the thing which I liked the most was that here education is not imparted in the old traditional way instead the same thing is taught with the help of different activities which is more interesting. I feel happy that I have taken the right decision to join RKU.



Naman Vyas
(Diploma in Computer Engg., School of Diploma Studies)

In the University Bridge Program organized by RK University we have learned various skills by performing different activities. We really enjoyed learning and what I learned from UBP will definitely impact my life.



Nirav Maradiya (Diploma in Computer Engineering, School of Diploma Studies) University Bridge Program was such a platform that opened door to lots of learning. I find myself fortunate to have attended all the sessions of UBP. The learning that was given by all the subject instructors was amazing and brought various constructive changes in the way I approach life. It really boosted my confidence level. I thank RKU for offering such an amazing program.

Department of EC, SOE organized an Alumni talk

Electronics and communication department of School of Engineering, RK University organized an alumni talk for the final year students. The purpose of the activity was to make students aware about the opportunities available for them in various fields. Nirav Rajapara, Alumni of



Electronics & Communication, School of Engineering, RK University, is currently working with Intel Technologies, India. He guided the students on how to face interviews and concentrate on technical and soft skills especially verbal communication. Students were advised to make maximum use of the library, laboratories and other facilities provided by the University. He also

added that they should focus more on the practical and enhance technical skills. He emphasized a lot on goal setting for better future as EC is the field of diversity, students have opportunity to join different domains but for that they have to select specific domain during their engineering study.

Students then interacted with him regarding the working environment at Intel and what are the requirements to get selected over there. He shared his experiences about the work culture, routines and challenges he faced. The department is heartily indebted to Mr. Nirav for his valuable time and facilitates a memento for the vote of appreciations.

HR department at RK University organized an 'Orientation Program' for newly joined Faculty Members

Every year, many new employees become the proud members of RKU Pariwar. In the year 2015-16, around 100 new employees sailed within the boat of RKU. To orient them to their new workplace & to acquaint them

the newly recruited employees. In this program, RKU's working ethics & the academic pattern were introduced to the new members. The program began with some lectures, interesting videos and even



with the rules, regulations & working pattern of RKU, on 16th July 2016, HR Department of RK University had organized 'New Faculty Orientation Program'. All the new staff members were introduced to the Management & the Authorities of RKU; additionally the Management got a chance to know

fun activities were arranged to make the new staff members smoothly land into their new workplace & take the costs of the future of thousands of students of RKU. We hope they will showcase their skills and experience to navigate the career of students of RK University.

School of Engineering organized an industrial visit for final year Mechanical Engineering students

School of Engineering at RK University organized an industrial visit at Amul Industries Ltd., Rajkot for the final year students of Mechanical Engineering. Amul - founded in 1988, is a leading manufacturer of connecting rods, crank shafts, cylinder blocks, cylinder heads and camshafts. The visit was conducted for 2 days for 4 divisions comprising of about 230

students. Amul is headquartered in Rajkot, Gujarat, India. As the team had reached the Amul Industry a small welcome session was conducted and instructions to be followed were given to them. Students were divided into small groups where they were accompanied with a guide and visited different bays. Healthy discussions were made between the students and

the support staff from the end of Amul, where a ray of light was thrown on them in manufacturing sector. Students were accompanied by the faculty of department of Mechanical Engineering viz. Pratik Parsania, Kaushal Gevaria, Vimal Parmar, Jaydeep Kevadiya and Jignesh Parmar. The objective of the study was to expose the students to industry

environment, make them understand the different machining processes involved from the scrap to the product and also the inspection of components.



Seminar Participation by EC faculty member in National Instruments LabVIEW Academy

National Instruments organized NI LabVIEW Developer Day at Pune. The objectives of this national seminar were to explore real industry solutions and check out the new advanced users track in industries and academics. Prof. Arjav Bavarva from Electronics & Communication, School of Engineering, has attended the seminar. Other participants came from various MNCs like, Xylem, John Deere etc. Seminar covered many important topics like, Tips and tricks for highly productive programming in LabVIEW by Raviteja Chivukula - Technical Engineer, Use of OOP in measurement

systems by Chethan Ravindranath - Senior Engineer NI Bangalore and Building web applications using LabVIEW and User interface by Anish Prabhu - Application Engineer (first CLA in India). The knowledge gained by Prof. Arjav Bavarva will be helpful to the students of RK University in terms of LabVIEW Academy course.

Expert Talk on "Office Manners and Business Etiquette" by TCS at School of Engineering, RKU

Mr. Avijeet Banerjee, Regional Operational Manager (Gujarat), TCS, Gandhinagar has delivered an active expert talk on "Office Manners and Business Etiquette" at School of Engineering, RKU on 4th August, 2016. Students of CE / IT / MCA had

attended the session. Students got a deep sense on kind of skills important for industry along with technical skills. Also, students got an idea how behaviour & attitude play crucial role towards an industry. Experts had shared his views on business etiquette such as email etiquette, phone etiquette, interview etiquette, social etiquette, dinner etiquette. More than 80 students of CE / IT / MCA department have actively participated in this expert Talk. At the end, quite interesting Question - Answer session conducted to clarify student's doubts on topics.



Parkinson's Disease Support Group (PDSG) & Rajkot Knee Club (RKC) Organized Various Programs at RK Physiotherapy & Research Center.

As a part of extension services of RK University, PDSG & RKC are functioning full fledge with its regular meetings scheduled on first Saturday & Sunday of every month. The clubs activities are planned keeping in view benefit & welfare of members. Numerous activities that are meant for patient's health improvement, camps, expert sessions by doctors, entertainment activities etc. are been organized by Clinical Incharge Dr. Khyati Tada & student committee from School of Physiotherapy. The meeting on 4th & 5th July consisted of innovative session that was structured with activities that included games like lemon & spoon, memory check, passing the parcel etc. that basically aimed to improve patient's gross motor & fine motor movements, cognition &

co-ordination proprioception, balance & co-ordination. Activities proved to be very much fruitful time for the patients that help them in rehabilitation of multiple health aspects with very simple activities. Hard work & sincere efforts by the team members & enthusiastic participation & involvement by the club members has made these meetings worthy.



Electrical Department organized an expert talk on Industrial Electrical Training

Department of Electrical Engineering had organized an expert talk on Industrial Electrical Training for 7th semester students of Electrical Engineering, School of Engineering. The session was addressed by Mr. Vipul Rangani, Electrical team head, Nokia Siemens (Rajkot). He has working experience of 9 years as an Electrical Engineer in the field of Telecommunication. During his talk he focused on various duties that an Electrical Engineer has to perform while joining any Industry. The session

was organized to make the students aware about industrial safety measures. Mr. Vipul Rangani thoroughly discussed MCB, ELCB, SPD, LA.DG Set, Power Plant, Battery Installation, AC, etc. He concluded his session with a case study in which he asked the students to find out the mistakes in installing the Electrical Panel and suggested possible practical solutions. Students appreciated the expert session and requested for more informative sessions like this for them.

WE WELCOME THE FOLLOWING MEMBERS FOR JOINING RK UNIVERSITY FAMILY (April to July'16)

Name	Designation	School
Ms. Sejal Bakraniya	Clerk	SOS
Mr. Sanjay Chorada	Clerk	SOS
Mr. Dhaval Dabhi	University Officer	RKU
Ms. Kailash Pankhania	Lab Assistant	SOS
Ms. Trupti Valera	Lab Assistant (Chemistry)	SOS
Ms. Arti Jha	Lecturer	SOPT
Mr. Ritesh Verma	Lecturer (Finance)	SOM
Ms. Manali Makwana	Teaching Assistant	SOS
Ms. Dhara Joshi	Lecturer (Physics)	SOS
Mr. Vikas Savsani	Chemist in Emt. Lab.	SOE
Mr. Ravirajsinh Bhati	Clerk	SOE
Mr. Dhaval Vaghasiya	Lecturer in Civil	SDS
Ms. Chhaya Bavariya	Lab Assistant (Chemistry)	SOS
Dr. Gopalakrishnan Menon	Asst. Professor (Emt. Tech.)	SOS
Mr. Harshvadan Patel	Assistant Professor (Micro)	SOS
Mr. Bhavesh Singh	Assistant Professor in civil	SOE
Ms. Anjali Trivedi	Lecturer (Botany)	SOS
Mr. Ashish Prasad	Lecturer (Physics)	SOS
Ms. Meera Meghpara	Assistant Professor (Maths)	SOS
Mr. Aniket Mer	Lecturer in Civil	SDS
Mr. Siddharth Savsani	Lecturer in Civil	SDS
Mr. Ravindra Kamble	Assistant Professor in Civil	SOE
Ms. Chandani Chandarana	Lecturer	SOP
Mr. R. K. Shashanth	Assistant Professor in Civil	SOE
Mr. Sourav Behera	Assistant Professor in Civil	SOE
Ms. Hina Bhatu	Asst. Professor, Agriculture	SOE
Mr. Vijay Kumar	Assistant Professor (Micro)	SOS
Mr. Pavankumar Javia	Lab Assistant in Civil	SOE

School of Diploma Studies organized industrial visits for Electrical Department.

Being a part of active and outcome based learning process, Electrical department of School of Diploma Studies is frequently organizing various task for the purpose of improvement of student's practical skill with the aim of making them

Sikka - GSECL (Gujarat State Electricity Corporation Limited). This thermal plant is having capacity of 740MW power generation. Students learnt about practical working process of TPS, different cycles having their own importance



ready for the industries and further studies also. With the noble cause of implementation of this, an industrial visit was organized on 29th of July - 2016. Total 24 students of 3rd semester had visited Flotech engineering Pvt. Ltd Company, Rajkot which is one of the leading companies in the production of pump and motors. Prof. Hardik Vaishnani and Prof. Kashyap Viroliya accompanied the students and taught them different criteria like designing, testing and winding of individual parts with the information about operation and production of the different pumps according to its application, which was very much related to their academic course and helped them to clear their concept.

and sequence of all the cycle for the purpose of maintenance and smooth working. They collected information about safety precautions which is essential during operational period of power plant. They also cleared their concepts about how to control power



Total 50 students of 3rd & 5th semester had visited TPS (Thermal Power Plant) located at

flow and different types of panels which are used to control various equipment. Overall, this industrial visit became fruitful to improve their technical knowledge.

Glimpse of UBP



Love of beauty is taste.
The creation of beauty is art

Nature is everything that was not made by man

Beauty... is the shadow of
God on the universe.

Art by Shoma Chauhan, Assistant TPO