



RISER
RAJAGIRI INTERNATIONAL
 SCHOOL FOR EDUCATION AND RESEARCH

Newsletter

January, 2017

Rajagiri School of Engineering & Technology, Rajagiri Valley Road, Rajagiri Valley P.O., Kakkanad - 682039, Kerala, India



Rev. Fr. Jose Alex Oruthayapally CMI
 Director, RSET



Being introduced to global curricula is very important for our students. RISER grooms them into confident engineers ready to tackle global challenges and emerging technologies. RISER has made it all possible for the students of RSET.

Dr. A. Unnikrishnan, Principal, RSET



Through RISER, our students not only acquire excellence in studies but also gain an understanding of different cultural values across the world, thus imbibing the crucial values of tolerance and compassion. RISER has made the world smaller and global education more accessible for the students.

International Student Life at RSET

RSET warmly welcomes international students from all over the world for cultural and academic exchange programmes. This helps them to imbibe the values of divergent cultures and to adapt with various cultural environments.



Currently, nine students from various countries of the African continent are pursuing their B.Tech degree at RSET, in addition to the students from Sri Lanka, the United Kingdom and France. RSET takes pride in their progress and achievements in academics as well as extra-curricular activities.

Let's take a look at what these international students, who are stepping into their fourth semester of B.Tech. at RSET, feel about life and education here.

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Fr. Dr. Jaison Paul Mulerikkal

Professor, Department of
Computer Science &
Coordinator, International &
External Engagement Cell, RSET



RISER has emerged as a rising star in RSET in last few years with renewed international activities and by attracting international personalities into RSET. Thanks and congratulations to the wonderful team behind the success. Wish and pray that these activities will pave way to fully fledged International Advanced Credit Transfer Arrangement Programmes with premier international universities in the coming years.

Mr. Biju Paul

Assistant Professor,
Department of Information
Technology & International Officer, RSET



The experience of studying abroad enables students to have a better appreciation of the complexity, challenges, ambiguity, as well as the opportunities, of life in the 21st century. The skills and aptitude gained from such exposure contribute to our young students' global competency.

International Student Life at RSET

Fred Balakasi, an international student of RSET hailing from Malawi, Africa, shares his experience:



"I would like to start with this saying: 'If you want to achieve something that you have never achieved, and then do something that you have never done.' RSET is an institution that grooms every person into a complete engineer. The college continually motivates us to put in our best efforts as it is believed that achievement is the result of perspiration rather than inspiration."

- **Mensah Kofi Bright from Ghana, from the Electronics and Communication Engineering branch**, gladly states, "Frankly speaking, I would define RSET as the safest bridge between a potential engineer and his dreams. Notwithstanding the fact that the system of education here is rigorous, I've been scoring good grades – all due to the tireless efforts of industrious faculty members. I love this place."
- **Another student from the same branch, Samuel Maoza, who's originally from Malawi**, adds excitedly, "I would say that, if you are really looking for something big and not settling for less, then RSET is the best place for you. With the support of all the teachers and the peaceful environment, you will be able to expand your imagination and invoke that dreamer and thinker in you. That's what it has done to me. Come and try it out. You will see it for yourself."
- **Tumisang Mathaba, hailing from Lesotho, and pursuing his B.Tech. in Electrical and Electronics Engineering**, is moved by the warmth with which RSET embraced him. He says, "Hospitality and a warm welcome painted my first experience here in India with the hues of great delight. I was offered many hands of assistance by my mates, teachers and everybody which made me feel really welcome and at home. This has made my road smooth so far amid the difficulties involved in shifting to a new place. RSET is surely the best institute to groom and bring forth the best in a student, making him/her valuable to the community."

RSET is proud of this cultural diversity. The words of these students prove the enthusiasm and the courage with which they have accepted their new cultural and academic experience. Choosing RSET for higher education has helped them to excel in their professional education.



International Student Exchange Programmes at Rajagiri

SOJO University, Japan

- Eight students of RSET, accompanied by Mr. Biju Paul, visited SOJO University, Japan, for the Sakura Exchange Programme from the 14th to the 22nd of February, 2016.



- This year, eight students have been selected for the Sakura Exchange Programme in SOJO University, Japan. They will visit the university from the 6th to the 13th of March, 2017, accompanied by Dr. Manoj G.Tharian (Associate Professor , Mechanical Engineering, RSET)
- Four students of SOJO University, Japan, visited RSET from the 19th of August to the 2nd of September, 2015, for a Summer Programme. They attended language classes that helped them build confidence in speaking English, after which they did presentations on the famous places they visited in Kerala and its scenic beauty. Their programme included industrial visits to few companies in Inforpark and technical sessions.



Reutlingen University, Germany

- Students of Reutlingen University, Germany, have been attending a six-month internship programme at RSET in association with SFO Technologies, Kakkanad, since 2015. Melanie Hofstetter from Reutlingen has successfully completed her internship programme in 2015. Two students Florian Waimer and Sthotra Jegatheeswaraiyar are presently pursuing their internship at SFO Technologies.



- Tito Joseph Francis and Antony Dominic who pursue M.Tech studies at RSET visited Reutlingen University for a six-month internship programme in the year 2015 during their second year of studies. This experience gave them exposure to German culture and helped them get acquainted with the latest technological developments in Germany.



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Kyungsung University, Korea

- Three students Kim Kyungmin, Byeongjun Park, Seokyoung Cha of Kyungsung University, Korea, visited RSET for a short-term credit transfer arrangement programme in the academic year 2015-2016.



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Shimane University, Japan

- The Overseas Human Resources and Industry Development Association (HIDA) conducted a 10-day Matsue Internship Programme from the 16th to the 27th of January, 2017. Two students of RSET, Icebin Dapril from the CSE Department and Paul George from the IT Department, were selected for the programme which included sessions on orientation to life in Japan and introduction to Ruby Programming language, internship at local IT companies in the municipal region, and presentations on the students' experience in Japan.



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International Relations

Royal Melbourne Institute of Technology (RMIT), Australia



An academic MOU has been signed by RISER and RMIT for conducting the following programmes:

- Academic credit transfer arrangement between RMIT and RISER for Bachelor of Technology in Computer Science and Engineering
- Credit transfer arrangement between RMIT and RISER for Associate Degree in Engineering Technology for Civil, Electrical and Electronics, Mechanical, Computer and Networks major



James Cook University (JCU), Australia



An academic MOU has been signed by RISER and JCU for conducting credit transfer arrangement for Honors in Bachelor of Engineering for the branches of Civil, Electrical and Information Technology. Exchange programmes like joint development of research projects and dual degree are the programmes that can be conducted with JCU



University of Canberra (UC), Australia



An academic MOU has been signed by RISER and UC for forging academic credit transfer programmes like New Colombo Plan (by Australian government to send the Australian students to South Asian countries like India) joint research that help the students from both the institutions to encourage knowledge transfer.



University of Polytechnica Catalunya (UPC), Barcelona, Spain



An academic MOU has been signed between RISER and UPC for student exchange mobility programmes in Bachelors and Masters Degree in Telecommunications Engineering with Electronics major and Networks major.



Taylors University (TU), Malaysia



- Academic credit transfer arrangement between TU and RISER for American Degree Programme (ADP) where the students will study in three different countries for completing the Bachelors of Engineering degree with various majors.
- Other exchange programmes with TU includes collaborative research and publications, joint production and delivery of courses and programmes at Post-graduate level



Kurume University, Japan



An academic MOU has been signed between RISER and SOJO for exchange of researchers and students. The implementation of collaborative research projects along with educational activities is also a part of the MOU.



SOJO University, Japan



Sakura Exchange Programme through which students of RSET attend a one-week internship programme at SOJO University.



Budding International Relations

Australian National University (ANU), Australia

The academic mapping with the university for Computer Science and Information Technology majors is in progress and will be completed in the near future.

Manukau Institute of Technology (MIT), New Zealand

The academic mapping with the university for Computer Science and Information Technology majors is in progress and will be completed in the near future.

Western Michigan University (WMU), USA

The academic mapping with the University for their Engineering Management Technology and Engineering Design Technology programmes is under way.

Columbus State University (CSU), USA

Academic mapping discussions are ongoing for the Computer Science and Engineering major.

Pokhara University (PU), Nepal

Academic programmes are currently being discussed with PU, Nepal.



International Visits by RSET Faculty to Various Foreign Universities

Rev. Fr. Jose Alex Oruthayapally, Director, RSET visits Japanese Universities

Fr. Jose Alex visited the Japanese universities like Shimane University and SOJO University for academic discussions on various student and staff exchange programmes.

He also visited Kurume University for the signing of an academic MOU.

Dr. John M. George, Vice-Principal, RSET, visits Taylors University, Malaysia

Dr. John M. George visited TU from the 10th to the 16th of September, 2016, for discussion on various student exchange programmes. He also visited the labs and classes of the university and made a presentation on RSET and RISER to brief the team at TU on our ongoing activities.



Fr. Dr. Jaison Paul Mulerikkal, visits universities in Australia and New Zealand

Fr. Dr. Jaison Paul Mulerikkal (Coordinator, International & External Engagement Cell, RSET) visited eight universities in Australia and New Zealand in the year 2016. The universities visited by him were:

- Royal Melbourne Institute of Technology, Melbourne, Australia
- Australian National University, Canberra, Australia
- University of Canberra, Canberra, Australia
- Australian Catholic University, Canberra, Australia



- James Cook University, Townsville, Australia
- Manukau Institute of Technology, Auckland, New Zealand
- Auckland University of Technology, New Zealand
- University of Auckland, New Zealand



Fr. P. J. Thomas and Dr. Manoj Tharian visit Dubai Education Fair

Fr. P. J. Thomas (Assistant Professor, Applied Electronics & Instrumentation, RSET) and Dr. Manoj G. Tharian (Associate Professor, Mechanical Engineering, RSET) visited the Dubai Education Fair and a few foreign embassies in the year 2016. On their return, Dr. Manoj and Fr. Thomas briefed the RSET team about the Education Fair and the embassies they visited which included:-

1. Yemen Consulate Meeting with Consul General
2. Jordan Embassy
3. Palestine Embassy
4. Lebanon consulate
5. Egyptian Cultural Centre, Abu Dhabi
6. Oman Cultural Center, Abu Dhabi

Visits to RSET by Dignitaries from Foreign Universities

Dr. J. S. Perry Hobson from Taylors University (TU) visits RSET

Dr. Perry Hobson, the Pro-Vice Chancellor of International relations of TU, visited RSET on the 6th of January, 2016. He briefed the management and the faculty members of RSET on various courses like short term mobility programmes offered by TU. He gave an insight into the New Colombo Plan introduced by the Australian government, one of the visions of which is to elevate Taylors University to the list of top 200 universities in the world.



Delegates from Aalen University, Germany, visits RSET

Delegates from Aalen University, Germany, visited RSET from the 4th to 9th of December, 2016 for discussions on various academic topics and to lay the corner stone for a mutually beneficial relation in the near future.



Delegates from Kurume University, Japan, visits RSET

Delegates from Kurume University, Japan, visited RSET on the 13th of September, 2016, for signing the academic MOU between RSET and Kurume.



Distinguished Lecture Series at RSET



Dr. Benny Chor from the School of Computer Science, Tel-Aviv University, Israel, delivered a lecture on 'The Secrets of Encryption & Privacy and Security Aspects in Personal Genomic Data' on the 8th of January, 2016.



Prof. Andy C. McIntosh from Leeds University, UK, gave a talk on 'Brilliant Design in Nature' on the 22nd of February, 2016.



Prof. Michael Pfeffer, Pro-Vice Chancellor of Ravensburg University, Germany, delivered a lecture on 'Nanotechnology in Optical Engineering: Examples of Sub-Wavelength Structured Surfaces' on the 22nd of September, 2016.



Dr. Ramesh Shankaranarayan from Australian National University (ANU) gave a talk on 'An overview of Computer Science Research at RSCS, ANU' on the 26th of September, 2016.



Dr Raman Menon Unnikrishnan, Professor of Electrical and Computer Engineering, California State University, Fullerton, delivered a lecture on 'A Random Walk in Engineering Education' on the 17th of November, 2016.

6th International Conference on Advances in Computing & Communications (ICACC)

The ICACC was held from the 6th to the 8th of September, 2016, with four international delegates who gave talks on various topics.



Dr. Mark Gahegan, Professor at University of Auckland, gave a talk on 'The (R)evolution of Science: Big data and Big Compute Opportunities for Smarter Communities' on the 6th of September, 2016.



Dr. Rajakumar Murugesan from Taylors University, Malaysia, gave a talk on 'The Internet: Challenge, Opportunities and Governance' on the 8th of September, 2016.



Dr. Sayan Ray, Professor at Manukau Institute of Technology, New Zealand, gave a talk on 'Spectrum Sharing Initiatives in Unlicensed Bands: Advancements towards 3G' on the 7th of September, 2016.



Dr. Deepak Padmanabhan from Queens University, UK, presented a paper on 'Operators for Similarity Search' on the 7th of September, 2016.



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