



RSET
 RAJAGIRI SCHOOL OF
 ENGINEERING & TECHNOLOGY
 (AUTONOMOUS)

COMPETITIONS FOR STUDENTS

In connection with the 62nd Republic Day, the discipline of English conducted an online declamation competition on February 02, 2022. The winners were awarded certificates

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SCIENTIA

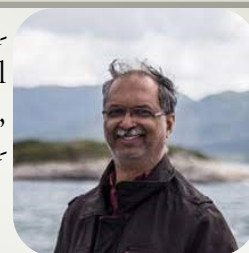
DEPARTMENT NEWSLETTER

RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

DEPARTMENT PROGRAMMES

In connection with English Language Day 2022, the discipline of English conducted literary events (poetry & essay writing competitions) and a quiz for faculty on April 23, 2022

The Astronomy Club, in association with DBSH, organised a webinar on “How do I transform from an amateur to a professional astronomer?” following the inauguration of the club on April 18, 2022. Prof. A. N. Ramaprakash, Scientist G, Head, Instrumentation, IUCAA, Pune served as the resource person



FACULTY ACHIEVEMENTS



Dr. Bincy Mole Baby, Faculty of English, was awarded her doctoral degree in “The Cultural Implications of Non-normative Fat Female Bodies: A Study of Select Works with Reference to Body Politics and Fat Studies”, under the guidance of Dr. K. Balakrishnan, Professor, Department of English and Languages, Amrita School of Arts and Sciences, Kochi on March 25, 2022



Dr. Deepthi Jayan K., Faculty of Physics, was awarded her doctoral degree in “Enhancement of Efficiency and Stability of Solar Cells—A Theoretical Study”, under the guidance of Dr. Varkey Sebastian, Associate Professor (Retd.), Department of physics, Nirmalagiri College, Kannur University, on January 29, 2022

She was awarded the ‘Best Paper-Presenter Award’ during 2022 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES) [IEEE SPICES 2022] organized online by Mar Bachelios college, Trivandrum; March 12, 2022

She was also awarded the ‘Wiley Top Cited Article 2020-21 Award’ for the paper titled “Comparative Study on the Performance of Different Lead based and Lead free Perovskite Solar Cells” published in Advanced Theory and Simulations, Wiley; March 31, 2022

DEPARTMENT SEMINARS

- On January 15, 2022, Dr. Deepthi Jayan K., Faculty of Physics, presented on the topic, "Advanced Metamaterials"
- On March 8, 2022, Mr. Rajeesh Rajkumar, Faculty of English, presented on the topic, "Signifiers of Darkness in *The Exorcist*"
- On March 26, 2022, Ms. Lekshmi Vijaykumar, Faculty of Economics, presented on the topic, "Is the Denial of Fundamental Rights During the Lockdown Constitutionally Valid?"
- On April 6, 2022, Dr. Karthik Dhandapani, Faculty of Physics, presented on the topic, "Laser-Energy Dependent Gradient Oxidation"

RESEARCH ACTIVITIES

- Dr. Rinku Jacob was appointed as project supervisor for two B.Sc. Physics Students from Alphonsa College, Pala; February 22, 2022
- Dr. Deepthi Jayan K. was recognized as "Bentham Science Ambassador to India" by the Bentham Science Publishers; March 08, 2022

PROFESSIONAL APPOINTMENTS OUTSIDE RSET

Dr. Deepthi Jayan K. has been appointed as a reviewer for the following list of journals & conference papers:

- Journal of Physics and Chemistry of Solids, Elsevier
- Semiconductor Science and Technology, IOP Science
- Advances in Chemical Engineering and Science
- Physica Status Solidi A: Applications and Materials Science
- IEEE International Conference on Electrical, Computer, and Energy Technologies (ICECET'22), Prague, Czech Republic
- The 7th International Conference on New Energy and Future Energy

Dr. Karthik D. has been appointed as a reviewer for the following list of journals

- Journal of Alloys and Compounds, Elsevier
- Surface & Coatings Technology, Elsevier
- Materials Letters, Elsevier
- Materialia, Elsevier
- Journal of Materials Engineering and Performance, Springer Systems (NEFES 2022), Nanjing, China

Dr. Ragin Ramdas M. has been appointed as a reviewer for Royal Society of Chemistry Journals

Dr. Shibu P P served as a selector of APJAKTU D- zone inter collegiate Handball men Selection trials held at RSET, Kakkannad on March 9, 2022

Mr. Rejeesh T Chacko served as a selector of APJAKTU D- zone inter collegiate Handball men Selection trials held at RSET, Kakkannad on March 9, 2022

Dr. Rejeesh T. Chacko was appointed as APJAKTU Football Team Coach for South Zone Inter-University Football Championship (Men), held from January 5-10, 2022

Ms. Sinu Jacob served as a selector for APJAKTU D-Zone Inter-Collegiate Handball Championship, on March 9, 2022

DBSH ACTIVITIES FOR FIRST YEAR STUDENTS

WALL MAGAZINE

'Wall Magazine' for first year students, is a literary initiative by the department. The wall magazine was blessed by Fr. Mejo Paul CMI, on April 29, 2022. Dr. Bincy Mole Baby prepared the template design for the board.



FACULTY PUBLICATIONS

Dr. Bincy Mole Baby

- “Fat Stigmatization and Gendered Experience of Fatness in Sarai Walker's Dietland”, *Assonance, A Journal of Russian & Comparative Literary Studies* (UGC CARE LIST 1), January 18, 2022

Dr. Deepthi Jayan K.

- “High Efficiency Non-Toxic 2-Terminal and 4-Terminal Perovskite-Transition Metal Dichalcogenide Tandem Solar Cells”, *Advanced Theory and Simulations*, Wiley, February 21, 2022
- “Design and Comparative Performance Analysis of High Efficiency Lead based and Lead-free Perovskite Solar Cells”, *Physica Status Solidi A: Applications and Materials Science*, Wiley, January 11, 2022

Dr. Deepthi Jayan K. and Dr. Ragin Ramdas M.

- “Exploring the Photovoltaic Capabilities of Sc_4C_3 MXene using Density Functional Theory”, *Materials Letters*, Elsevier, April 4, 2022

FACULTY PRESENTATIONS

- Dr. Silvy Mathew, served as a resource person for a webinar on “Anger: Don't Let It Take the Best of You” organized by Rajagiri Public School, Kalamassery, Kochi, March 05, 2022
- Ms. Joann Jose Neelamkavil presented a paper titled “Conceptualisation of Urban spatial Identities through Gender in Selected Poems by Arundathi Subramaniam and Tishani Doshi” in the One-day Virtual Conference on The Transformation in Arts and Humanities: An Exploration of “Interdisciplinarity”; St. Claret's College, Bengaluru, March 30, 2022

FACULTY PRESENTATIONS

- Mr. Rajeesh Rajkumar presented a paper titled “Beyond Objectification of the Subdued Self: The Distance from *Kulasthree* to *Sadhanam* in ‘The Goddess of Revenge’”; Two-day International Conference on “Cartographies of Gender-based Violence: Literary Reflection from South Asia and beyond”, IIT Patna, March 12, 2022

- Dr. Rejeesh T. Chacko presented a paper titled “Consequence of Vital Capacity and Flexibility Among College Women Due to Iron Yoga, Yoga and Weight Training”; First National Conference on Sports Medicine & Yoga Therapy, organized by Balaji Medical College & Hospital (SBMCH) - BIHER, Chennai, January 28, 2022

SPORTS CLUB

- Sports club of Rajagiri School of engineering and technology conducted APJAKTU football coaching camp from January 2 to 5, 2022 with 20 participants
- Sports club of Rajagiri School of engineering and technology conducted APJAKTU D- zone inter collegiate Handball men selection trials on March 9, 2022

BOARD OF STUDIES

The third BoS meeting for English was held on March 17, 2022, online

The fourth BoS meeting for Economics was held on March 19, 2022, online

EDITORIAL TEAM

DR. RAGIN RAMDAS M

MR. RAJEESH RAJKUMAR

MS. SARITHA V

MS. SINU JACOB

MR. SUJITH S

PROGRAMMES ATTENDED BY FACULTY

| Sl. No | Name of Faculty | Webinar | Conference/ Seminar | Course | Workshop/ Symposium | Training/ FDP |
|--------|----------------------|---------|------------------------|--------|------------------------|------------------|
| 1 | Sr. Alphonsa Thomas | | | | 1 | 1 |
| 2 | Dr. Deepthi Jayan K | | 2 | 2 | | 1 |
| 3 | Mr. Rajeesh Rajkumar | 2 | 1 | | | |
| 4 | Dr. Silvy Mathew | 1 | | | | |
| 5 | Ms. Saritha V | | | | 1 | |



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