

Cultural and Sports Activity



Cultural activities are non-academic pursuits that provide students a platform to explore their interests and develop aesthetically, artistically, historically, intellectually, or organized by RIT on 04/04/2022.

Faculty Achievement



Dr. Sahana C P has completed her Ph.D. in Presidency University Bangalore.

FDP attended by Faculties

- Mrs. Jyothi B G, Mrs. Smitha M B, and Mrs. Sahana C P Participated in the 3 days FDP on “NBA Accreditation Process at RIT, Hassan in 2022
- Mr.Somashekhara Participated in the 3 days’ Workshop on “Mathematics using Python”
- Mrs. Veena K P. Presented paper on “Assay of cephalosprines in bulk and pharmaceutical Formulations” at International conference organized by Sathagiri College of Engineering, Bangalore on 24th June 2022.



Rajeev Institute of Technology, Hassan

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Department of Basic Science and Humanities

Department NEWSLETTER



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Message from the Desk



We feel elated to introduce you to Department of Applied Science is the foundation of Engineers that strives for increasing the knowledge, enhancing the critical thinking ability to change information into knowledge and power of analyzing things technically. We always intend to impart Knowledge through a closed knit family of highly competent Faculty. Department of Applied Science plays a vital role in an engineering college catering me to the teaching of basic Science and Humanities courses for engineering students of all branches. The purpose applied science in Engineering study is to lay a strong foundation of basic Principles of various disciplines such Mathematics, Physics, Chemistry and Communication Skills in the mind of the learners do that they proceed to rest of their years of Study with to date knowledge and training of basic Engineering skills. Our Laboratories have been very well Established not only to cover compete syllabus but to Motivate students to learn beyond the syllabus which Develops complete knowledge subject (both the Practical and theoretical deep knowledge) and develop Skill sets of students to become promising engineers in future.



VISION

To enable fresh minds to acquire fundamental insights into basic science which contribute intellectually vibrant individuals for the welfare of the society.

MISSION

- To enhance the students' knowledge, ability in the study of physics by igniting and nurturing enthusiasm and passion in professional courses.
- To facilitate awareness of the impact of chemical attributes on our environment and society.
- To provide the students with a strong Mathematical foundation which meets the requirement in the field of industry, research and higher education?
- To provide strong base in applied sciences to the students of engineering and technology, thereby forming basis to all technical sciences.

Certifications by Faculties

Mrs. JYOTHI B G, Mr. SOMASHEKHAR M, Mrs. SMITHA M B, and Mr. SANTHOSH KUMAR B B Assistant Professor in the department of Mathematics cleared NPTEL online Certification in the domain "Engineering Mathematics - II"

Paper Publications

- Ganesha D P. Structural characterization, 3D-interaction energy and in-vitro antimicrobial studies of 1-(2-chloroacetyl)-3,5-dimethyl-2,6-bis(3,4,5-trimethoxyphenyl)piperidin-4-one
<https://doi.org/10.1016/j.molstruc.2022.134462>.
- Ganesha D P. X-ray structure, hirshfeld surfaces and interaction energy studies of 2,2-diphenyl-1-oxa-3-oxonia-2-boratanaphthalene. Heliyon 8 (2022) e10151.<https://doi.org/10.1016/j.heliyon.2022.e10151>.
- Ganesha D P. Structural Investigation, Hirshfeld Surfaces and 3D Interaction Energy Analysis of the Compound 3-aryl-2-cyanoprop-2-enoic Acid, EUROPEAN JOURNAL OF APPLIED PHYSICS, VOL. 4,NO.4,JULY 2022, <http://dx.doi.org/10.24018/ejphysics.2022.4.4.189>
- C P Sahana "Dye doped sulphamic acid crystals: a potential material for optoelectronic applications", Journal of Materials Science: Materials in Electronics Vol. 03, March 2022.
- C P Sahana "Methyl Orange Doped Sulphamic Acid Single Crystals: Growth, Optical and Thermal Properties for Optoelectronic Applications", Brazilian Journal of Physics Vol. 52, No. 3, April 2022, pp. 1-8.

- Mrs. Veena K P "Determination of Vardenafil in Pure and Dosage Forms by Spectrophotometry" published in the journal of applied spectroscopy(Springer publications) in the year September 2022, *Journal of Applied Spectroscopy, Vol. 89, No. 4, September, 2022 (Russian Original Vol. 89, No. 4, July–August, 2022)*

Activities

Student Induction Programme (SIP)



Every student must have knowledge and skills in the area of study. Along with it one should also have understanding of society and relationships. Characters need to be nurtured as an essential quality by which they would understand and fulfill responsibility as an engineer, citizen and human being. One will have to work closely with the newly joined students in making them feel comfortable, reduce competition and make them work for excellence, build relation between teachers and students, give a broader view of life, and build character. Keeping all these points, Rajeev Institute of technology conducted the following SIP activities for the second semester students

- College Campus Tour
- Familiarization to departments/laboratories
- Creative arts/literary/Music
- Mental health in adolescence
- Visit to orphanage/Old age home
- Swach Bharath/Campus cleaning
- Motivational talks