



SCIENTIA

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

**RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY, RAJAGIRI VALLEY ROAD, RAJAGIRI VALLEY
P.O., KAKKANAD - 682039, KERALA**

FACULTY ACHIEVEMENTS

- ❖ **Ms. Parvathy N.** was appointed as editor-cum-reviewer for special edition of Aesthetique Journal for International Literary Enterprises, with effect from 10th June 2020.
- ❖ **Ms. Saritha V.** was invited as the external examiner for Sixth Semester UG Project and VIVA VOCE for BA Honours on 8th June 2020, at Maharaja's College, Ernakulam.

EVENTS ORGANISED BY THE DEPARTMENT

❖ **POSTER COMPETITION ON CURRENT INNOVATIONS IN PHYSICS**

The Physics wing of our department on a regular basis conducts a poster competition to motivate the students and to update them on the latest innovations in the domain of physics. The competition is conducted in the corridor in front of the DBSH staffroom (1st floor), during the forenoon tea-break. Students actively participate and enter into vibrant discussions which make the sessions more interesting.

❖ **MATHEMATICS CLUB DAY CELEBRATIONS**

The department organised Mathematic club day celebrations for high school to PG students on 24th January 2020.



❖ SHORT TERM TRAINING PROGRAMME

RSET society for research international conducted one week STTP on recent trends in Research Methodology (Online Mode).

WEBINARS, ONLINE FDPs AND WORKSHOPS ATTENDED

NO.	FACULTY	ONLINE COURSES/FDP/WEBINAR
1	Ms. Radhika Das	3
2	Dr. Ramkumar P. B.	9
3	Ms. Vinmol K. Jesudas	3
4	Dr. Jaya Abraham	2
5	Mr. Binu R	2
6	Ms. Eva Cherian	1
7	Mr. Shyam Sunder Iyer	8
8	Dr. Sonia Paul	3
9	Ms. Parvathy N.	2
10	Mr. Vinay P. Menon	2
11	Ms. Veena Jayakumar	2
12	Ms. Deepthi Jayan K.	44
13	Mr. Sujith S.	1
14	Dr. Antony V. Varghese	1
15	Sr. Alphonsa Thomas	7
16	Dr. Deepa K. Baby	13
17	Ms. Anju C.	5
18	Mr. Ragin Ramdas M.	16
19	Dr. Silvy Mathew	1
20	Dr. Shibu P. P	2
21	Mr. Rejeesh T Chacko	7
22	Ms. Sinu Jacob	11
23	Dr. Rinku Jacob	2



FACULTY AS RESOURCE PERSON

- ❖ **Dr. Vinod Kumar P. B.** delivered a talk on “Finite topological spaces” at St. Joseph’s College, Devagiri on 24th January 2020.
- ❖ **Dr. Vinod Kumar P. B.** was the resource person for the session “Introduction to topology” organized by Rani Anna Govt. College, Thirunelveli, on 27th January 2020.
- ❖ **Dr. Vinod Kumar P. B.** delivered a talk on “NBA Accreditation” at Christ College of Engineering, Irinjalakuda on 13th February 2020.
- ❖ **Dr. Ramkumar P. B.** delivered a talk on “How to review an article” at Vypin Government Arts & Science college, Elamkunnappuzha as a part of ‘walk with scholar programme’ on 20th February 2020.

PAPERS PUBLISHED

- ❖ **Ms. Bindu V. A. & Ms. Radhika Das** published a paper on “Solutions in Integers for the Quadratic Diophantine Equation $w^2 - 6z^2 + 8z - 24z - 24 = 0$ ” in International Journal of Scientific and Engineering Research, Volume 10, Issue 12, December 2019, ISSN : 2229 -5518.
- ❖ **Ms. Sumini Mani & Dr. Ramkumar P. B.** published a paper on “Intelligent Parking Management System using Dijkstra’s Algorithm with Driver Preferences” in TEST Engineering & Management, January – February 2020, ISSN: 0193-4120 Page No. 9186-9194.
- ❖ **Mr. Vishnu Sankar & Dr. Ramkumar P. B.** presented a paper on “Fuzzy logic based optimization method for mechanical systems & its Applications” in International Conference on Mathematical Computer Engineering organized by VIT, Chennai on 21st February 2020.
- ❖ **Mr. Binu R.** published a paper on “Neutrosophic Projective G-submodules, Neutrosophic sets and system” (Web of science).
- ❖ **Mr. Binu R.** published a paper on “Isomorphism theorem for Neutrosophic Submodules of an R-modules”, Applied mathematics and Information Science.
- ❖ **Mr. Binu R.** published a paper on “Neutrosophic Soft set and Clinical Application, Journal of Information Science and Engineering” (Web of science).
- ❖ **Ms. Sumini Mani, Jaison Mulerikal, Dr. Ramkumar P. B. & Paulsy Tharakan** published a paper on “Fuzzy Concepts and Machine Learning Algorithms for Car Park Occupancy and Route Prediction” in Conference - Proceedings of ICCIS 2019, (LNNS, volume 120).



- ❖ **Dr. Vinod Kumar P. B.** published a paper on “second iterate of transitive maps”, in Journal of Difference Equations and Applications, Issue No. : 28.

PHYSICAL EDUCATION & SPORTS

FACULTY ACHIEVEMENTS

- ❖ **Mr. Rejeesh T. Chacko** nominated as the D -Zone convener for inter collegiate sports under APJAKTU during the year 2019-2020.
- ❖ **Dr. Shibu P. P.** nominated as a member of protest committee in D Zone inter collegiate tournaments 2019-2020.

PAPER PRESENTATIONS

- ❖ **Mr. Rejeesh T. Chacko** presented a paper in an International Conference on Role of Sports Sciences and Yoga on Human Performance Enhancement-Organized by Department of Physical Education-Madurai Kamaraj University from 6-7 February 2020.

INTERNATIONAL WEBINAR ON HEALTH, FITNESS & WELLBEING

- ❖ Physical Education & Sports faculty hosted an international webinar on Health, Fitness & Wellbeing on 26 & 27 June 2020.

FACULTY OF THE DEPARTMENT WHO HAVE LEFT THE INSTITUTION

- ❖ **Ms. Veena Jaykumar**, Assistant Professor (1st January 2020 to 31st May 2020). She joined as guest faculty in Bharatha Matha College.
