



# SACRED HEART COLLEGE (AUTONOMOUS)

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Every Good Work

A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

## 2019-20

### AWARENESS OF TRENDS IN TECHNOLOGY

#### 1. National Level Workshop on Apache Kafka

A National Workshop on Apache Kafka Programming was organized by the Department of Computer Applications (UG) on 29th August, 2019. Around 97 students from Sacred Heart College and 295 students and staff from other colleges participated in the workshop. Rev.Dr.K.A. Maria Arockiaraj, Additional Principal (Shift II) inaugurated the workshop. Prof. V.S. Jayakumar Paul Bosco and Dr.A.Mekala handled a session on the Basics of Kafka Programming. Prof.T.Prabakaran and Prof.V.Krishna Kumar handled a session on the implementation of Kafka Programming. Rev.Dr.G.ThophilAnand, Vice Principal, Administration (Shift-II), gave the felicitation address. Prof.A.John Martin, Head, Dr.A.Mekala, Prof.R.Karthik, Prof.C.Dharma Devi and Prof.J.Merlin Florence collectively coordinated the workshop.



Source: SHC Times VIII edition (8th September, 2019) Page 9

## 2. 8th National Conference on Winning the Global Business War through Artificial Intelligence

Sacred Heart Institute of Management Studies (SHIMS), proudly organized the 8th National Conference on “Winning the Global Business War through Artificial Intelligence” on 26th November, 2019 in John Med Block. The conference was graced by Mr. K. K. Sathasivan, Assistant Vice-president (Marketing), Ramco Cement Ltd., Chennai. He was felicitated by Rev. Dr. D. Maria Antony Raj and Rev. Fr. S. Lawrence. The gathering was welcomed by Dr. S. Sasikumar, HOD of SHIMS. First technical session was chaired by Dr. A. Vasumathi, professor VIT University, Vellore. Second technical session was chaired by Dr. M. Sathish, Assistant Professor, Chinmaya Vishavidyapeeth University Ernakulam, Kerala. In the conference the SHIMS has great honour in releasing the link of 4th UGC Care listed journal *Think India Journal*. Vote of thanks was delivered by Sajan M. George, one of the Ph. D. full time scholar. Finally Dr. J. Sasiganth presented the certificate to the paper presenters and the participants.



Source: SHC Times VIII edition (21st December, 2019) Page 8

### 3. MICROGALAXY 2019

The Department of Microbiology organized its first International Conference on Advanced Trends and Innovations in Life Sciences -ATILS 2019”on 27th September, 2019. The organizing secretary Dr. R. Bright welcomed the gathering. Rev. Dr. Maria Antony Raj,SDB, the Principal gave the inaugural address. Dr. P.Saranraj, Assistant Professor and Head of Microbiology department introduced the Resource persons Dr. N.Prithviraj, Senior Scientist, Shanghai Jiao University, China and Dr.Rajpraveen, Associate Professor, Department of Agriculture Extension, Annamalai University, Tamil Nadu. Dr. K.Amala, Assistant Professor introduced Dr. P.Sivasakthivelan, Assistant Professor, Department of Agricultural Microbiology, Annamalai University, Tamil Nadu. About 230 participants from twenty institutions and 150 other department students participated in the conference. In the valedictory session the welcome address was delivered by Ms. NeethuAsokan, Assistant Professor. Dr.Rajpraveen, Associate Professor, Department of Agriculture Extension, Annamalai University, Tamil Nadu delivered the valedictory address. Prizes for the best paper were distributed by the Resource persons.



Source: SHC Times VIII edition (21st December, 2019) Page 13

#### 4. Workshop on Powder X-Ray

The Department of Physics (Shift I & II) in collaboration with Bruker India Scientific Pvt. Ltd., Bangalore organized a Workshop on Capability Enhancement in Powder X-Ray Diffraction and Rietveld Refinement Analysis on 30th and 31st January, 2020. Dr. RavikumarIyyemperumal, Application Scientist, Bruker India Scientific Pvt. Ltd., Bangalore was the resource person. The workshop imparted technical knowledge corresponding Powder X-Ray Diffraction and Rietveld Refinement Analysis. The PG Students, M.Phil and Ph.D Scholars of Sacred Heart College and thirty two other external members from various institutions participated in the workshop. Dr.S.R.XavierRajarathinam, the Vice Principal (Academics), Rev.Dr.K.A.MariaArokiaraj, the Additional Principal and the faculty members of the department graced the occasion.



*Source: SHC Times VIII edition (31st March, 2020) Page 6*

## 5. Learn Excellent Adventures in Physics

Intra collegiate physics competitions were conducted by PG and Reach Department of Physics, Sacred Heart College (Autonomous) on 12th December 2019 at Kamarajar Arangam LEAP 2019 is a multi-paradigm competitions. The main objective of the programme was to find out students with understanding, experimentation and application of physics at different dimensions. The programme was inaugurated at 9.30a.m. Dr.A.AlbertIrudhayaraj UG Head, Department of Physics (Shift-I) welcomed and felicitated the gathering. Special motivational talk was given by our alumini, Mr. D. Kribanithi, Re-search Scholar at NIT Trichy, Miss.A. ReenaArulvani, Assistant Professor, MarudharKesari Jain College, Vaniyambadi and Miss.A.Jyathsenai, Assistant Professor, MarudharKesari Jain College, Vaniyambadi and the Convener of LEAP 2019 Rev. Dr. G. TheophilAnand presented the dynamics of the day. After the inauguration both on stage and off stage competitions including speech, Adzab, fancy dress, dumb charade, physics play, quiz, essay, pencil sketch, working model and poster presentation were conducted for the students. Around 350 students and faculty members participated in LEAP 2019.



Source: SHC Times VIII edition (21st December, 2019) Page 14