Guest Lecture on Deep Learning and its applications

Guest Lecture on Deep Learning and its applications organized by Department of Computer Applications was organized on 4.10.2021 from 11 am to 12.30 pm. Introductory address was given by Mrs.P.Anusha Bhargavi, Head and AP .The seminar was handled by Dr.Grasha Jacob , Associate Professor and Head, Department of Computer Science, Rani Anna College for Women, and she lecture about Deep Learning and its applications and she explained the applications in various field.Finally Ms. S.Dhivya Bhargavi,delivered the vote of thanks. Students from Mathematics, BCA and MCA (50 students) and Staff members were participated in this session and got knowledge on deep learning.

Open Source Technology

Webinar on Open Source Technology organized by Department of Computer Applications was organized on 5.7.2021 . Welcome address was given by Ms.S.Dhivya Bhargavi, AP .The seminar was handled by Mr.J.S.Sukumar, Director, Winways Complete Open Source Private Limited,Madurai. Selvi.S.Ramalakshmi delivered the vote of thanks. All the Students of BCA and MCA (50 students) and Staff members were participated in this seminar and got knowledge on internship opportunites/ carreer on IT field.

Lecture Talk
Data Science and its Applications

Date: 11.05.2022   **Time: 11 am – 12 pm**   **Venue: Seminar Hall**

Department of Computer Applications organized a lecture talk on Data Science and its applications on 11.05.2022 from 11.00 am to 12.00 pm. The programme was started with prayer song. The welcome address has been given by Dr.(Smt).M.Malini, Director and PG Head, Department of Computer Applications. The inaugural address has been given by our Principal Dr.(Smt).N.Kamala. The session was handled by Dr.T.Chandrakumar Associate Professor, Department of Data Science, Thiagarajar College of Engineering Madurai- 625015. He explained the concept of Data Science and its application. Selvi.S.Vimala MCA.,M.Phil., Assistant Professor, Department of Computer Applications had delivered the vote of thanks. All the students of UG and PG from Department of Computer Applications were participated in this session and they got enriched in the Data Science field.

Inter Departmental Activity

Hands-On-Training in Python

Date: 20.04.2022   **Time: 10 am -12 pm**   **Venue: PG Laboratory**

Department of Computer Applications organized Inter Departmental Activity with Department of Physics on the topic "Hands on Training in Python". Final year UG Students and All PG Students have participated actively with Hands on Session in the Computer Laboratory. The session was handled by Smt.P.Anusha, Assistant Professor and Head Department of Computer Applications (UG) and covered the applications and features of Python. Also they learned to work with online research laboratory and to analyze the dataset and predict the output. Totally 48 members of students and 3 faculty members have participated. The Inter departmental activity was ended with the prayer song.

Workshop on Data Science

Workshop on Data Science was organized by Department of Computer Applications was organized on 20.11.2021 from 10 am to 12.30 pm. Welcome address was given by Dr.M.Malini,Director & AP .The inaugural address was given by Dr.N.Kamala, Principal.Dr.Stalin Alex, Associate Professor and Head, Department of Computer Science and Engineering, Jain(Deemed to be university), Bangalore acted as a resource person of this session. He explained various opportunities and careers in data science and platform for researchers. Also interact with the participants. Selvi.S.Dhivya Bharkavi delivered the vote of thanks. All the Students of BCA , MCA,M.Sc., CS (50 students) and Staff members were participated in this programme and got benefited.

National Science Day- 2022

National Science Day Colloquium- 2022 was celebrated in Sri Sarada College for Women (Autonomous) on 24.02.2022, 25.02.2022 and 28.02.2022 in order to honor the contribution of the Great Indian Physicist C.V.Raman's "Raman Effect" to the science world. All the events were conducted on the theme entitled "Integrated Apporach in Science and Technology for sustainable future"

All the events were conducted on the create theme of the science day. On the first day 24.02.2022 (Wednesday) all the science departments namely Mathematics, Physics and Chemistry were individually arranged the science exhibition and Computer Science, Information Technology, Computer Applications were arranged their integrated exhibition at Computer Laboratory based on various themes of inter discipline as follows.

1. Mathematics Exhibition – Mathematical Modellling.
2. Physics – Science Expo on Basic.
3. Chemistry – Exhibition on Magical.
4. Computer Science, Information Technology, Computer Applications – Exhibition on Computer hardware, Recent Technology, Internet Security.

Science Department students were demonstrated their experiments as well as Models fruitfully and comprehensively hundred and nine of various Government and Private higher secondary, Secondary, Middle School Students were benefitted through this exhibition visit. Same day evening written quiz was conducted for that school students on behalf of the science departments by Dr.P.SivaAnandi, Assistant Professor, Department of Mathematics and Smt.M.Vijayalakshmi, Assistant Professor, Department of Computer Science at Seminar hall.

The second day 25.02.2022 (Friday) all the science departments conducted the quiz programme. In our department 40 students were participated among the 40 students three students from second year and third year T.Essakiammal(II Year), V.Ramya (III Year), S.V.Sangeetha (III Year) were selected for the final quiz round. In the evening session three winners of every department was selected to the college level final round of science quiz programme was conducted at college auditorium was held by the student vice president and the Assistant Professor of the Computer Science Department Smt.M.Vijayalakshmi and Assistant Professor of Computer Science department Smt.P.Anitha who played the role of quiz Master and score Master respectively.

On the completion day of the science colloquium was started at college seminar hall around 10.00 am with enlighting the "Kuthu Vizhakku" by the revered secretary Ambaji. The principal Dr.N.Kamala delivered the welcome address. The special address was delivered by the Director.Prof.(Major).P.Chandrasekran it was followed by the blessing speech of Yatiswari Saravanabhavapriya Ambaji. Hence forth, Dr.Abiya Chelliah, Assistant Professor, Department of Botony, St. Johns College, Palyamkottai delivered his inaugural address entitled "Integrated Approach in Science and Technology for Sustainable Future". Next, Technical Session faculty Symposium on current science and technology was carried by the Science department faculty members through their powerpoint presentations entitled on the following topics

1. Concepts and Applications of Graph Theory.
2. Recent Development of Science and Technology.
3. Nano Materials for Sensing Applications
4. Block chain Technology.
5. Emerging IT Technologies to Achieve Sustainable Development.
6. Role of Artifical Intelligence in Current Scenario.

On continous, the technical session student symposium on current science and technology was engaged by the science students powerpoint presentations with their remarkable topics on

1. Ancient Science and Technologies.
2. Recent trends in Science and Technology.
3. Biomedical chemistry.
4. Nobel prizes are based on integrated sciences.
5. Role of computers in medicine.
6. Role of Computers in Mathematics

After completion of both technical session, Sri M.S Multain, Geo Spatial Company, GI Space, Palayamkottai delivered his valedictory address on "Drone Technology" for future india prizes were distributed for the winners and Smt.P.Anitha, Assistant Professor of Computer Science gave the vote of thanks. The Science day celebration was successfully completed with the college song

Participated Schools Name:
1. Sri Sarada Matric Higher Secondary School, Tirunelveli.
2. Sri Sarada Vidhyalaya High School, Tirunelveli.
3. Government High School, Sivalaperi.
4. Child Jesus Girls Hr.Sec School, Tirunelveli.

5. Oasis Matric Higher Secondary School, Tirunelveli.

6. Sri Chellaib middle school, Tirunelveli.

7. Sri Sathya Sai Balaguruhulam Matriculation School, Tirunelveli.

8. Government Higher Secondary School, Tirunelveli.

9. IIPE Global School (CBSE), Tirunelveli.

10. Rose Mary Matriculation Hr.Sec.School, Tirunelveli.

11. IIPE Laxmi Raman Matric Hr.Sec.School, Tirunelveli.

Virtual Power Seminar on Block Chain Technologies

Virtual Power Seminar on Block Chain Technologies ICT Academy and Department of Computer Applications was jointly organized on 25.6.2021 . Welcome address was given by Ms.S.Dhivya Bhargavi, AP .The seminar was handled by Mr.Rajkumar, Senior Systems Engineer, Infosys Private Limited, Chennai. Selvi.S.Ramalakshmi delivered the vote of thanks. All the Students of BCA and MCA (50 students) and Staff members were participated in this seminar and got knowledge on block chain technologies.

National Conference on "Current Trends in Advanced Computing"

As an initiative process of enlighting the young researches in the field of Advanced Computing "National Conference on Current Trends in Advanced Computing" has been organized by Department of Computer Applications on 30.07.2021. This is an ideal platform for the researchers to share their views and experienced on research areas.

The preliminary process was started before 3 months of this conference. First a brochure has been sent to several Researchers, Academicians, Industry professionals of various universities. They had been asked to submit their paper on the following topics

1. Artificial Intelligence.
2. Data Mining.
3. Software Engineering
4. Information Security.
5. Bioinformatics
6. Cloud Computing
7. Big Data Analytics
8. Image Processing
9. Internet of things
10. Other topics related to the conference theme.

To scrutiny the papers we have 3 Advisory Committee.

1. Prof.Dr.N.Sengottaiyan M.E.,Ph.D.,

   Principal,

   Department of Computer Science and Engineering,

   Gopalan College of Engineering and Management,

   Bengalur,Karnataka – 560048.

2. Dr.R.V.Siva Balan MCA.,M.Phil.,Ph.D.,

   Professor, Department of Data Science & Analytics,

   Faculty of Science, Jain (Deemed-to-be-University0,

   Bengalur, Karnataka – 560069.

3. Dr.C.L.Biji M.E.,Ph.D.,

   Lecture, Department of Computational Biology & Bioinformatics,

   University of Kerala, Senate House Campus, Palayam,

   Thiruvananthapuram, Kerala – 695034.

along with the organizing committee members and convenor as follows Smt.P.Anusha MCA.,M.Phil., Assistant Professor and Head, Department of Computer Applications.

They selected nearly papers from the presentation on the day of online goggle meeting 30.07.2021 with two team. On day of conference CTAC'21 was inaugurated Prof.Dr.N.Sengottaiyan M.E.,Ph.D., Prinicipal, Department of Computer Science Engineering, Gopalan College of Engineering and Management, Bengaluru, Karnataka – 560048 in the presence of secretary Yatiswari Saravanabhava Priya Ambaji, Our Principal Dr.(Smt).M.Malarvizhi presided over the function.

The conference was started with prayer song in link https://meet.goggle.com//puk-kean-2cn. The welcome address is given by Smt.P.Anusha MCA.,M.Phil., Assistant Professor and Head Department of Computer Applications. The inaugural address is delivered by our principal Dr.(Smt).M.Malarvizhi.

Our chief the keynote address is delivered by Prof.Dr.N.Sengottaiyan M.E.,Ph.D., Principal Department of Computer Science and Engineering, Gopalan College of Engineering & Management, Bengaluru, Karnataka.

The vote of thanks in the inaugural programme was given by Selvi.S.Ramalakshmi MCA.,M.Phil., Assistant Professor, Department of Computer Applications.

The technical sessions was handled by online goggle meeting Team 1-https://meet.goggle.com/apm-ipbn-gbf and Team 2- https://meet.goggle.com/hri-mqmp-gfu.

All the session went on well with the enthusiastic participants. In the valedictory function Dr.P.Velmani., Assistant Professor, Department of Computer Science, MDT Hindu College, Tirunelveli gave the valedictory address. In the Conference best paper was selected and presented from session. Dr.Jai Ruby., Associate Professor, Department of Computer Applications and Research Center, STC college, Palayamkottai, Tirunelveli and the programme ended with the prayer song.