

NEUROFLUENCE

Designing future with excellence

Volume 4, Issue 1(July), 2021

The Official Newsletter of the
Department of Computer Science
and Engineering

Vision

TO FORTIFY
ETHICAL
COMPUTATIONAL
EXCELLENCE

Mission

- Imparts core and contemporary knowledge in the areas of Computation and Information Technology
- Promotes the culture of research and facilitates higher studies
- Acquaints the students with the latest industrial practices, team building and entrepreneurship
- Sensitizes the students to serve for environmental, social & ethical needs of society through lifelong learning.

Editors Speak

The Department of Computer Science and Engineering is launching the first issue of its official newsletter "Neurofluence" for the Academic Year 2021-22. This issue of the newsletter focuses on the trending topics, faculty publications, placements and many more. The readers are assured of technical insights on present market and departmental activities which is a combination of unique and parallel realms on the same platter.

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Strategic Plans
and IQAC updates

Best Wishes

Every beginning is an opportunity to work harder and make the days come better and brighter than before. The new academic gives us this opportunity. We wish the Department of Computer Science and Engineering faculty members and students all the very best, and may all succeed through their constant efforts.



Fr Dr Abraham VM
Vice Chancellor



Dr Anil Joseph Pinto
Registrar



Dr Fr Benny Thomas
Director, SOET & SOA



Fr Jiby Jose E
Campus Director,
Kengeri Campus



Dr Iven Jose
Dean, SOET



Dr Balachandran K
HoD, CSE

The department of CSE has conducted a faculty orientation program under the FDP segment on 12th, 13th, and 16th July 2021. The mode of conduction of the event was online through the Cisco WebEx meeting. The three-day faculty orientation program successfully conveyed the following topics with the audience:

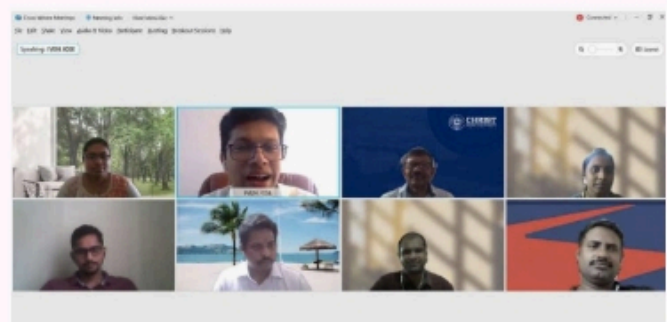
The brief history of the department and its vision and mission followed by various functional cells and their responsibility, usage of KP, classroom etiquette and mentoring, intensive teaching workshops and EEP, research areas, Christ life, IIC, major-minor programs, internships, ASCII, placement, FastTrack policy, international cell, certification courses, LMS overview, IQAC auditing, strategic plan, question bank, and CIA.

Faculty development program (FDP) has been considered as a stand-alone educational pedagogy in fostering knowledge and professional skills of faculty.

--Bilal and S.Chen



Faculty Development Programs



For the detailed report please visit the link :

<https://christuniversity.in/departments/bangalore%20kengeri%20campus/school%20of%20engineering%20and%20technology/computer%20science%20and%20engineering/Activities/view-pdf/faculty-orientation-program>



Contents



Workshops



Workshops

Attending a workshop to learn the latest skills in specific areas leads to becoming a better teacher. That, in turn, can help teachers guide others in areas where they have developed expertise.

--Fresno Pacific Staff

Under the banner of Praveen Kenneth chair of leadership, on 30th July 2021, there was a leadership training program held for the 5th-semester students. A total of 213 students participated in the online event. The speaker of the session was Mr. Sameul S George who is the program manager and trainer. The trainer gave more insights about actual leadership, he told: “leadership is nothing but human connections.” Also, he told unless something is tried, nothing can be figured out, and it is also about managing oneself.



Mr. Sameul S George,
Program Manager and Trainer



FDPs



Events



LG in association with CDI of CHRIST (Deemed to be University) conducted the "LGWebOS IOT Hackathon". 42 BTCS/IT students and 8 M.Tech students had participated in LG webOS IoT Hackathon.



“ Students Achievements

The teams that participate in this event propose unique ideas or applications that could be developed using LG WebOS. The students who get selected in the competition will be provided with an internship at LG.



Patents



Faculty Achievements



Patents

A patent is a type of intellectual property that gives its owner the legal right to exclude others from making, using, or selling an invention for a limited period of years, in exchange for publishing an enabling public disclosure of the invention.



Dr. Ajit Danti,
Automatic Blood
Type Identification
Device
and
Smart Toll Collection
Through GPS

--Indian Patent



Dr. Jyothi Thomas
and Dr. Vandana
Reddy, Semi
Automated Cocoon
Cutting Machine --
Indian Patent



Publications



Students Achievements



Publications

Publication is a marathon, not a sprint. Writing the book is only the start.

— Jo Linsdell



Dr. Ramesh Vatambeti , "An Adaptive Cluster based Vehicular Routing Protocol for Secure Communication", Wireless Personal Communications, Springer. International Journal

Prof. Mithun B N, "Brain Tumor Detection using Convolutional Neural Network", National E-Conference On "Computer Science & Technology Allies in Research" (NCCSTAR)-2021. National Conference



Publications



Patents



Publications

Publications can also be regarded as an asset that enables authors to gain recognition and acknowledgment as experts in a particular field at national and international levels.

--Mengistu Asnake
President, World Federation
of Public Health
Associations



Prathap B.R., Krishna A.V.N., Balachandran K, "Crime Analysis and Forecasting on Spatio Temporal News Feed Data—An Indian Context", Artificial Intelligence and Blockchain for Future Cybersecurity Application. Springer Book Chapter

Addapalli V.N. Krishna, "Encryption then steganography framework on high capacity data hiding in grayscale images", Journal of Mathematical and Computational Science. International Journal



Events



Publications

Orientation is a chance for students to learn how things work at their new school and meet other students as well as faculty and staff members. Orientation is also a chance for the school to start getting to know your student.

--Vicki Nelson

The department of CSE hosted a student orientation program on 19th July 2021. The mode of conduction of the event was online with Cisco Webex Meetings. The Head of the department Dr. K Balachandran initiated the session followed by a brief note of NBA given by Dr. Balamurugan. Dr. Jyothi Thomas spoke about service-learning followed by Dr. Manohar giving insights on the PG program. The introduction to AL-ML courses was given by Dr. Ajit Danti followed by Dr . Naveen J providing the information on minor programs. Dr. Pradeep and Dr. Ravindranath spoke about data science and IOT respectively.



Events

For the detailed report please visit the link :

<https://christuniversity.in/departments/bangalore%20kengeri%20campus/school%20of%20engineering%20and%20technology/computer%20science%20and%20engineering/Activities/view-pdf/student-development-programs>



Workshops



Publications



Faculty Achievements



1. Mrs. Sujatha A K has successfully completed her Ph.D open defense.
2. Mrs. Vandana Reddy has successfully completed her Ph. open defense.
3. Dr. Jyothi Thomas and Dr. Ajit Danti have published YouTube videos on academic integrity.
4. Dr. Xavier C and Fr. Dr. Benny Thomas have been elevated to the grade of IEEE Senior member, from IEEE Section Bangalore
5. Dr. Xavier C has launched a MOOC Course titled: ML: Linear Regression using Tensorflow Python in Udemy.
6. Dr. Sandeep Kumar was selected as a Post-Doctoral Researcher in NLP for healthcare, at the Department of Electronics and Informatics (ETRO), Vrije Universiteit Brussel (VUB), Belgium.
7. Dr. Sandeep Kumar has been appointed as Associate Editor in the Journal of Human-Centric Computing and Information Science, (SCIE, Q1, IF 3.7).



Students Achievements



Placement and
Training



Placement and Training



1 Student has been selected with highest package of 12 Lakhs and 50,000 pm for Internship.



34 Students have been placed.



14 Students have been placed.



15 Students have been placed.



5 Students have been placed.



Results awaited

Placement Training of 10 days is planned from 20th July 2021 to 06th August 2021 for 8th Semester students



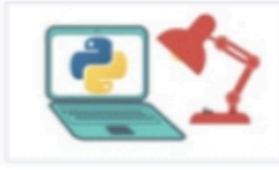




Faculty
Achievements



Faculty Quotes



Interesting Courses

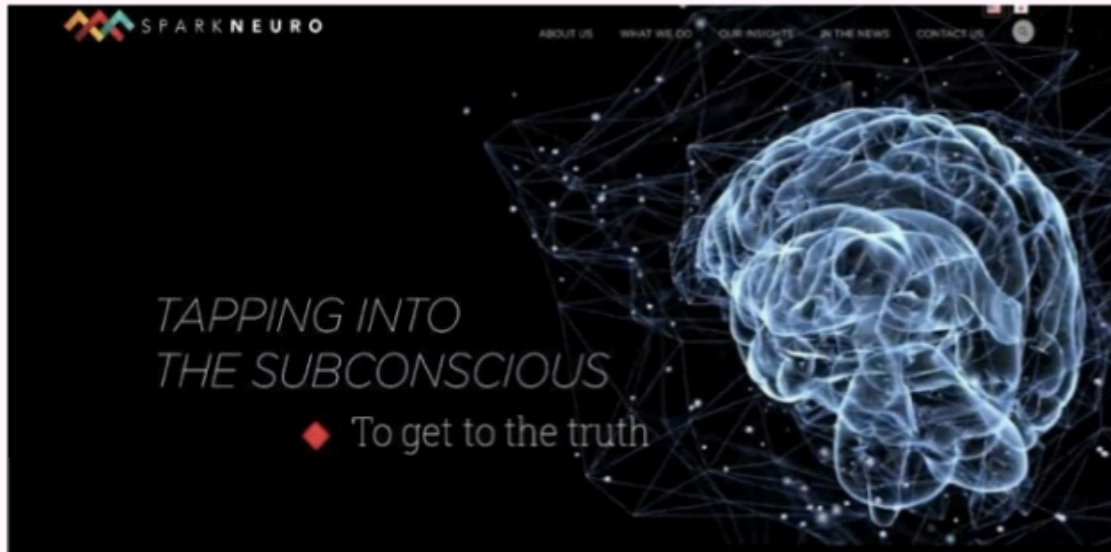
S. N	Top 5 Trending courses on Udemy	
1	2021 Complete Python Bootcamp From Zero to Hero in Python	
2	React - The Complete Guide (incl Hooks, React Router, Redux)	
3	The Complete Digital Marketing Course - 12 Courses in 1	
4	The Data Science Course 2021: Complete Data Science Bootcamp	
5	Graphic Design Masterclass - Learn GREAT Design	



What is new in the market?



Announcements



Neuromarketing



What is new in the market?



SPARK Neuro, a neuroanalytics company that measures emotion and attention to optimize advertising and entertainment, is a leader in the space. The company combines biometrics, neurometrics and complex algorithms to analyze attention and emotion levels, effectively helping marketers figure out what content to focus on and what to avoid.



Industry Reports



Interesting courses



Industry Reports

Magic Quadrant



For the detailed report please visit the link <https://www.gartner.com/doc/reprints?id=1-254T1IQX&ct=210202&st=sb>



Faculty Quotes



What is new in the market?

அகாரத நைமகள

- உலகளாவய இயக, அதகரித ேவைலவாம அதக வா.
- நவனக சறத அகார.
- ெதாடசயான தர ேம்பா.
- ேம்பதபட மாணவ ெசயத
- தலாளிகளி கவனைத ஈகற.
- நவனக நபகதைமய ெதானி



Dr DANIEL D
on Importance of
NBA

Ultimate list of benefits of NBA Accreditation

- Global mobility, increased employability, and greater opportunity.
- Better recognition for Institutions.
- Continuous quality improvement.
- Improved Student Performance.
- Attracts employers attention.
- A tone of credibility to the institutions

“ Faculty Quotes



Dr DEBARKA
MUKHOPADHYAY
on Patents and Funded
Projects

A new idea can be converted into a patent. This is very important for both students and teachers. Patenting is not only advantageous for the author of the patent, but also for the whole society. To convert the innovation into a product, we can apply to different Government and Non-Government agencies for necessary funds. These can bring growth not only to students and teachers but also help an educational institution to grow.

எக நத ந ஧ாரனாக பெட் கரா யாய | எ ஊ ஓ
ி்ஷக ஁ழெயர் ஜந ஁ஷர ஜிர | எக நத ந
஧ாரனாக பெட் எர் ப ி்ஷெல் எ ஧ு லகக எர்
ஜந நய சம மானவஜிாதர் கோஜ லோக | எக
நதந ஹைனாஷந க அாமரா யமந பெட் கரெத
பிர தமிந எடாக எக ூாடா எர் ப டஓயார்
ஜந சரகிர் வா வசரகிர் ஁ஜீர் கோஊ
஁யாஜநீய ஫ார் ஜந ஁ஹீ கரெத பிர |
஁ல ஊ ஓ ி்ஷக எர் ஜீவெந ஁யாஜநீய
஁ய ஁ந டய சஹீசெ எக ஁டெகஷநால
ஹிநி஁டெர் ஁ய ஁ஓ சாஹய
கெர் |



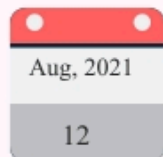
Placement and
Training



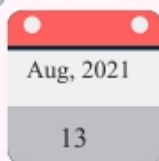
Industry Reports



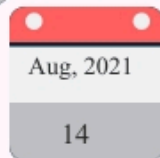
Announcements



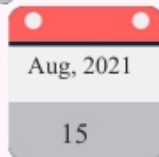
Commencement of classes for III Semester BTech and Mentoring discussion & Dept Publication discussion



1BTech Inaguration (Tentative)/ EEP and Specialization research discussion (AIML, SE, CN, CyberSec, DS)

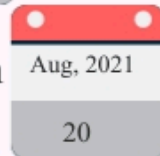


Global Tech Talk Series: Session-1

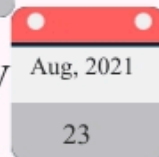


Independence Day

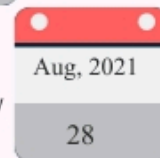
Alumni Interaction-Oppourtunities on Higher studies and ITW Session 1



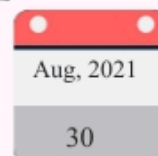
Last date for submission of CIA I marks for V / VII Semester UG programmes and III Semester PG Programmes



IEEE CS Student branch, Student Club ASCII/ Foobar & CSI Inauguration



SP Quarterly progress and discussions and Release of News Letter (Monthly)



Interesting Courses



Accreditation, SP and IQAC



Accreditation, Strategic Planning & IQAC Updates



Progression towards completion of Course files and P files

Revised the evaluation report with the following pointers .

- New faculties inducted to the department.
- Revised the range (0 - 7.727) and average impact factor (0.419) of the department.
- Updated number of publication, citation and h-index for faculties.
- Funded projects values has been updated



Mapping of the department Academic Calendar / events towards the Strategic Goals (Individual Faculties).

Program specific (CSE, IT, AIML, DATA Sci, IoT) strategic planner was prepared and deliberated to HoD and Dean.



Announcements



Editors Information

Editorial Board

Editor - in- Chief

Dr Balachandran K

Faculty Editors

Dr Vandana Reddy

Dr Manu Elappila

Student Editor

Saharsh Pamecha

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