

IcfaiTech Newsletter



Message from the Dean

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IcfaiTech, Hyderabad begins this year with the mission of educating the youth of the nation, enabling them to emerge as global leaders and entrepreneurs. Our students have been placed in multinational enterprises by showcasing their skills acquired through the transformative curriculum of our Institute. Further, we have conducted several webinars and contests to encourage learners to ideate innovations in the field of science and technology. Also, this edition of the Newsletter highlights that our faculty members incessantly expand their expertise as well as achieves recognition nationwide. IcfaiTech, Hyderabad also embeds the culture of fun through festivities which is showcased in this Newsletter. With the promise of commencing this new year with unique curriculum and courses, I welcome everyone to experience our erudite journey through this Newsletter.



**~ Prof. A. Vadivel,
Dean - IcfaiTech, Hyderabad**

Ongoing Placement

Our students used the extensive training provided by the Institute to ace the recruitment drives. Supported by the contemporary curriculum, exceptional pedagogy, and unique courses along with guidance and mentorship from the Department of Placement, 3 students of IcfaiTech, Hyderabad received an offer from DBS Bank with a package of 8.9 LPA. DBS Bank is a leading Singaporean multinational banking and financial services corporation wherein our students will be able to scale their careers by significantly contributing to the growth of the financial enterprise. Further, Unistring Tech Solutions Pvt. Ltd., a company operating in the Electronics Sector, recruited one student of IcfaiTech, Hyderabad, and offered a package of 3.5 LPA. We believe that our students will excel in their careers with these massive breakthroughs and emerge as global professionals.



Top Performers Speak

IcfaiTech, Hyderabad interacted with the top performers of this month who were placed at DBS Bank with an enviable offer, wherein we believe they will prove their mettle and thrive in their profession. Encouraging their juniors to follow suit, Indu vaddarapu, Madhurima Reddy, and Sreekar Siddula speak their mind.

Introduce yourself.

I am **Indu vaddarapu**. Currently I am pursuing B.Tech. 4th year from IcfaiTech, Hyderabad. My stream is CSE. I am enthusiastic. I love to learn new things everyday.

Shed light on the company that you will be joining, your job role, and the salary package.

I got a job offer from DBS Asia hub with a package of 8.9 LPA for the role of Technical Associate. Its hiring process was really well structured.

Reason for choosing IcfaiTech, Hyderabad.

IcfaiTech really provides a motivating and challenging environment. The faculty is encouraging and they always try to teach in a hands-on mode. Along with excellent studies, IcfaiTech also gives the opportunity to be part of its many clubs, so that students can showcase their talent. And they give opportunities to the students to conduct all fests so that the students can improve their confidence and leadership skills.

Tell us about your academic experience at IcfaiTech, Hyderabad.

Academic experience of mine at IcfaiTech is awesome. They provide opportunities for students to choose their subjects and faculty. And everything will be in hands on mode. This really helps students to gain more knowledge.



Indu vaddarapu

How did the curriculum, faculty, and other facilities offered by IcfaiTech, Hyderabad shape your career?

The Curriculum is designed well and the point of interest is on Education. IcfaiTech is an outstanding university in relation to offering the best education. The Curriculum and the faculty at IcfaiTech make it a notable college. The curriculum that they have is designed in a completely unique manner that covers all the elements of the course properly from the theoretical component to practical. The classrooms are technologically advanced to support the advanced teaching learning process. And the professors are highly qualified mostly from IITs, NITs, IIITs, Central Universities, University of Reading (UoR), etc. Faculty of IcfaiTech are very supportive. Hostel and food facilities are awesome.

What were the unique opportunities offered by IcfaiTech, Hyderabad?

Everything is unique in IcfaiTech. Academics, quality of faculty, quality of labs, fests and even hostels and mess. IcfaiTech is best and unique in all aspects.

How did the placement training help you in achieving your goals?

Placement training helped me a lot. I learnt aptitude and coding during the placement training. Faculty helped us to gain confidence and helped us to achieve our goal. They conducted exams during our training, so that we can get an idea of where we are lacking. Everything is pre planned by the placement team, this really helped us a lot.

Tell us briefly about how you prepared for the placement drives.

I used to follow the curriculum which was prepared by the placement team. The exams and lectures will surely help students to get placed. I also learned programming languages from youtube and google. I used to practice a lot of coding and aptitude on a weekly basis. This really helped me a lot.

Any other experience that you would like to share.

A very big thank you to IcfaiTech for providing many opportunities to the students to showcase their skills. IcfaiTech is the best university for the placements and education. I suggest all the students to join IcfaiTech. Along with education, IcfaiTech helps every individual to achieve their goals.

Top Performers Speak

Introduce yourself.

I am **Madhurima Reddy**, completed my bachelor's degree (B. Tech) in CSE from IcfaiTech, Hyderabad. I am a very goal oriented and creative person.

Shed light on the company that you will be joining, your job role, and the salary package.

I got placed at DBS as a Technical Associate with a package of 8.9 LPA.

Tell us about your academic experience at IcfaiTech, Hyderabad.

Academic Experience at IcfaiTech was quite interesting as it always concentrated on all round development of a student.

How did the curriculum, faculty, and other facilities offered by IcfaiTech, Hyderabad shape your career?

Faculty of IcfaiTech are well experienced and friendly in nature.

What were the unique opportunities offered by IcfaiTech, Hyderabad?

IcfaiTech also encourages extra-curricular activities by sending the students for inter college competition where a student has an opportunity to prove themselves.

How did the placement training help you in achieving your goals?

The placement team here is very helpful. We had some sessions on how to build our communications, how to clear aptitude and every small detail of it so that I could crack the placement in a much easier way. With the help of placement team in IcfaiTech, my preparation went very smooth and became much easier as we had very good sessions on how to crack the interview.

Any other experience that you would like to share.

I personally love the environment of the campus as a nature lover where you can have a very peaceful environment.

Introduce yourself.

This is **Sreekar Siddula** from B.Tech 4th year CSE.

Shed light on the company that you will be joining, your job role, and the salary package.

I am happy to be placed at DBS Asia Hub 2 as a Technical Associate with a salary package of 8.9 LPA.

Tell us about your academic experience at IcfaiTech, Hyderabad.

IcfaiTech has been very supportive from the start. The B.Tech CSE program is very well structured with multiple internships and special projects. I would like to take this opportunity to thank faculty and placement team members.



Madhurima Reddy



Sreekar Siddula

Incubating Business Ventures

IFHE Incubation invited all faculty, staff, and students to submit business ideas and PoCs (Proof of Concepts) for availing Incubation offered by the Institute. IFHE Innovation Entrepreneurship Council will provide support to entrepreneurs having feasible business ideas by mentoring them. The Council will also assist in business development planning, investor connects, access to design and fabrication facilities, access to facilities with co-incubating partners, etc.

The submissions were accepted in two categories where Category 1 was titled Pre-Incubation and Category 2 was named Incubation. In Category 1, submissions were accepted by entrepreneurs having an idea and looking forward to developing PoC. The Council judged the submissions based on the relevance of the problem stated, solution ideated, and the team composition. Further, entrepreneurs who have a PoC and would like to develop a Minimum Viable Product (MVP)/Prototype submitted their business propositions in category 2. These business ideas were evaluated on market research, investment and revenue strategy, scalability, technical feasibility, and business strategy.



Calling IFHE STUDENTS, FACULTY AND STAFF TO SUBMIT IDEAS AND POCs FOR INCUBATION AT THE IFHE INCUBATOR

Category I: Pre Incubation
Do you have an innovative idea and would like to develop a Proof of Concept (PoC) for your idea?

Category II: Incubation
Do you have a PoC and would like to develop a Minimum Viable Product/Prototype (MVP)?

Selection Criteria:
Ideas will be judged based on relevance and quality of the problem, solution proposed, and the team composition.

Selection Criteria:
Ideas will be judged based on market research, investment and revenue strategy, scalability, technical feasibility and business strategy.

IFHE Innovation Entrepreneurship Council will provide support for both Category I and Category II activities. Support will include mentoring, business development planning, investor connect, access to design and fabrication facilities, access to facilities with co-incubating partners etc.

Submit your Ideas and or POCs latest by **January 15, 2022**



For details, please contact any IFHE IIC Faculty.

Campus Happenings

Webinar on “Entrepreneurship and Innovation”

IcfaiTech, Hyderabad Entrepreneurship Club organized a webinar titled “Entrepreneurship and Innovation” on 12th January at 4 PM. During the session, Dr. K.L. Narayana, Director, IcfaiTech, Hyderabad addressed the audience on approaches to devise innovative and unique ideas by discovering the relevant problems confronted by the society, and providing solutions for the same. The talk enabled the budding entrepreneurs to learn how to launch viable ventures leveraging on transformative ideas.



The poster features a portrait of Dr. K.L. Narayana on the left. The text on the right reads: "A WEBINAR ON ENTREPRENEURSHIP AND INNOVATION." Below this, it says "It is perfect for those of you who are planning a startup." The date and time are listed as "12 January 2022, 4.00pm - 5.00pm". Logos for IcfaiTech, ICFAI Foundation for Higher Education, and IcfaiTech Entrepreneurship Club are at the bottom.

ICFAI Foundation for Higher Education
(Deemed to be University under Section 3 of the UGC Act, 1956)

Institution's Innovation Council

**"A
WEBINAR
ON
ENTREPRENEURSHIP
AND
INNOVATION."**

It is perfect for those
of you who are
planning a startup.

Dr. K.L. Narayana
Director of Icfai Tech School

12 January 2022
4.00pm - 5.00pm

IcfaiTech
Faculty of Science & Technology (FST)

ICFAITECH
ENTREPRENEURSHIP CLUB
Making Ideas Happen

Campus Happenings

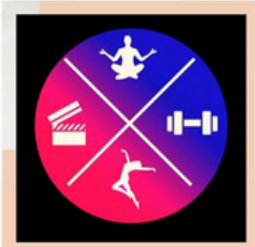

Debate Competition

Youth Day
On 12th January

ASANA CLUB PRESENTS
An online debate celebrating the
YOUTH DAY

ONLINE DEBATE

On the occasion of Youth day, Asana club initiated to perform a DEBATE program across the India, we are inviting you to take part and implement your ideologies regarding present circumstances of the country. This is a great opportunity for Youth whose agenda works for better tomorrow. Topics will be announced 15 minutes before the event.



PRIZE MONEY WORTH
UPTO 10000
Platform - Gmeet.
Date & timings - 12th Jan, 2022
2 pm to 4 pm

REGISTRATION LINK
IS BELOW

On Youth Day, the Asana Club of IcfaiTech, Hyderabad organized an Online Debate on 12th January 2022.

During the event, the communication skills, presentation skills, and body language of the 20 participants were evaluated by the faculty members who judged the event. Event In charge - Joopally Vedarutvija and Sachin Sankella, divided the debaters into 3 teams and allotted three different google meet links to them for smooth conduction of the debate competition. The faculty members declared the top three scorers from each team - Pujitha Tadala, J Anu Srihitha, and CH Kaladar as the winners and awarded them exciting prize money.

Faculty Achievement

Faculty scaling expertise

Dr. Rashmi Sahay, Dr. Sudheer Hanumanthakari, Dr. Banoth Seetharamulu, Mr. Brahma Naidu, Dr. Leela Chelikani, and Ms. Rohini P, faculty members, IcfaiTech, Hyderabad have successfully completed the “DATA SCIENCE AND MACHINE LEARNING: MAKING DATA-DRIVEN DECISIONS” certification. This course empowers the learner to uncover data’s true value and make data-driven business decisions. Mentored by MIT faculty and industry practitioners, our faculty members gained substantial insights to implement contemporary techniques in the pedagogy of the Institute.

Program Delivered by:



MASSACHUSETTS
INSTITUTE OF
TECHNOLOGY



In Collaboration with:



Faculty Achievement

Accomplishing milestones

Dr. Sandeep Kumar Panda, Associate Professor, Department of Data Science and Artificial Intelligence, IcfaiTech, Hyderabad was the "Primary Evaluator " in TOYCATHON 2021. Under the 'Aatma Nirbhar Bharat Abhiyan' initiated by our Hon'ble Prime Minister, Shri. Narendra Modi, Toycathon-2021 is conceived to challenge India's innovative minds to conceptualize novel Toy and Games based on Bharatiya civilization, history, culture, mythology, and ethos.

Toycathon 2021 is an inter-ministerial initiative organized by the Ministry of Education's Innovation Cell with support from the All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles, and Ministry of Information and Broadcasting. Currently, India's toy market stands at around 1.5 Billion USD, which primarily is dominated by imported toys. Moreover, the majority of these toys do not represent Indian heritage, civilization, and value systems.



Toycathon promotes the following notions to enable Indian Toy Industries to emerge as successful ventures:



- Toy/Games concepts based on Indian civilization, heritage, culture, mythology, history, ethos, technology, ethnicity, national heroes and important events .
- Inculcate positive behavior and good values('Sanskaar').
- Toys for specially-abled/Divyanga children.
- Boosting physical and mental fitness.
- Using eco-friendly, indigenous, non-hazardous or recycled material.
- Focus on promoting Vedic Mathematics.
- Encouraging national unity and respecting cultural diversity.
- Supporting missions like Swatch Bharat, BetiBachaoBetiPadhao, Environment Conservation, Climate Change, Digital India, Skill India, Ek Bharat Shreshtha Bharat.
- Rediscovering/redesigning traditional Indian toys.
- Toys for pedagogy (for teaching students difficult concepts in Math, Science, Languages, Social Sciences, etc.)

Faculty Achievement

Accomplishing milestones

Dr. Sandeep Kumar Panda was also the Reviewer at the Springer Nature Journal "Multimedia Tools and Application" and reviewed 18 manuscripts in 2021. The journal "Multimedia Tools and Application" is Indexed in 39 international databases including SCIE, SCOPUS, etc.

Dr. Sandeep Kumar Panda authored three books at LAP Publication House, Germany titled "Medical Supply Chain using Blockchain Technology", "Security and Privacy Challenges in Cloud Computing Environment", and "Usability and Productivity of E-Commerce Websites".





VERIFICATION CERTIFICATE OF PEER REVIEWER CONTRIBUTION

ADVANCING DISCOVERY

This certificate verifies that **Sandeep Kumar Panda** has completed 18 reviews in 2021 for **Multimedia Tools and Applications**

The editors thank you for your valuable contribution. Your support is greatly appreciated.




Without a proper mechanism to track and authenticate drugs, both healthcare and consumer experience diminishes. The interaction between stakeholders, governments and various organizations, stock management, expiry of medicines data etc. Stakeholders are unable to analyze the demand, usage, inventory, quantity of medicines used and other related factors. A medical supply chain involves multiple medicine stores at each stage which makes the process more complex and costly. Various factors like increasing demand, supply chain by various countries, parties in the current market, medical supply chain are affected by the use of technology. A medical supply chain should have features to analyze medicine, store all, it tracks every certificate to prove the authenticity of medicines by using blockchain technology. The main aim of this book is to provide a comprehensive study on the blockchain and medical supply chain key feature is to system store all the medicines supply chain history.

Sandeep Kumar Panda

Medical Supply Chain using Blockchain Technology
Applications and Challenges



Dr. Sandeep Kumar Panda is currently working as an Associate Professor in the Department of Data Science and Artificial Intelligence, Faculty of Science and Technology at O.P.J.S. Institute for Higher Education (affiliated to University, Hyderabad, Telangana, India). His research interests include Cryptography and Blockchain Technology.





Cloud computing is gaining momentum among different users and Cloud computing is a global distributed system of servers in the present world as well as for the future. Cloud computing is a technology that allows users to access, store, and process data through the internet. There are many advantages of cloud computing, such as flexibility, scalability, and cost-effectiveness. However, cloud computing also has some disadvantages, such as security, privacy, and data ownership. This book discusses the security and privacy challenges in cloud computing and provides a comprehensive study on the security and privacy challenges in cloud computing. The main aim of this book is to provide a comprehensive study on the security and privacy challenges in cloud computing.

Sandeep Kumar Panda

Security and Privacy Challenges in Cloud Computing Environment




Dr. Sandeep Kumar Panda is currently working as an Associate Professor in the Department of Data Science and Artificial Intelligence, Faculty of Science and Technology at O.P.J.S. Institute for Higher Education (affiliated to University, Hyderabad, Telangana, India). His research interests include Cryptography & Security, Blockchain Technology.


Usability has been the primary area for assessing the quality of web applications. The main challenge in usability is to identify effective usability problem. Usability is the quality of a product or system that allows users to interact with the system and complete tasks. Usability is a key factor in the success of a web application. This book discusses the usability and productivity of e-commerce websites and provides a comprehensive study on the usability and productivity of e-commerce websites. The main aim of this book is to provide a comprehensive study on the usability and productivity of e-commerce websites.

Sandeep Kumar Panda

Usability and Productivity of E-Commerce Websites



Dr. Sandeep Kumar Panda is currently working as an Associate Professor in the Department of Data Science and Artificial Intelligence, Faculty of Science and Technology at O.P.J.S. Institute for Higher Education (affiliated to University, Hyderabad, Telangana, India). His research interests include Software Engineering and Blockchain Technology.



Celebrations

Makar Sankranti

Makar Sankranti, the festival of harvest, is believed traditionally to mark the arrival of spring in India. Celebrated with much ardor and grandeur, the festival is called Poush Parbon in West Bengal, Pongal in Tamil Nadu, Sakraat in Bihar, Uttarayan in Gujarat, Lohri in Punjab, and Makara Sankrant in Maharashtra. The celebrations encompass burning old items in bonfires and replacing them with new ones along with Kite Flying competitions. IcfaiTech, Hyderabad wishes everyone good health and prosperity on this nationwide festival.



Celebrations

Republic Day

The nation celebrates India's political history, freedom struggle, and the Constitution on Republic Day with patriotic fervor and zest. The inspiring cultural heritage of India instills a sense of pride among the citizens of the country. On this day, the young learners are informed about the challenges confronted by the country, determining them to discover innovative solutions that will contribute towards the nation's progress.



The education ministry's tableau at the 73rd Republic Day parade showcased India's rich education history and various aspects surrounding the theme 'Vedas to Metaverse: National Education Policy 2020'. This Republic Day, the nation is urged to include the oppressed masses and marginalized communities who were away from education for centuries. The youth will apply such ideologies to govern the future of education in India by bringing forth the ancient glory of the nation.



Website:

<https://www.ifheindia.org/icfaitech/>

Facebook:

<https://www.facebook.com/IcfaiTech/>

LinkedIn:

<https://in.linkedin.com/company/icfaitech>

E-MAIL:

admissions.icfaitech@ifheindia.org

LOCATION:

IcfaiTech, IFHE Campus Dontanpally,
Shankarpally, R R District,
Hyderabad - 501 203.

PHONE NUMBER:

Phone : 040-23479725 / 040-23479732

Mobile: 8499848444

Call/Whatsapp: 9010377002

Editorial Team:

Dr. K. L. Narayana, Director, IcfaiTech

Dr. A. Vadivel, Dean, IcfaiTech

Dr. Rashmi Sahay, Asst. Prof.-CSE, IcfaiTech

Ms. Manoswita Dasgupta, Content Writer, IcfaiTech