



SAKSHIN

MONTHLY NEWSLETTER OF DEPARTMENT OF
CSE/IT

VISION

- *Nurturing globally competent Computer Science and Engineering graduates capable of taking challenges in the Industry and Research & Development activities*

MISSION

- *Imparting quality education to meet the needs of industry, and to achieve excellence in teaching and learning*
- *Inculcating value-based, socially committed professionalism for development of society*
- *Providing support to promote quality research*

MOU SIGNED WITH SUYATI TECHNOLOGIES

AdiShankara Institute of Engineering & Technology signs MOU with SUYATI TECHNOLOGIES Pvt.Ltd. According to the MOU, Suyati Technologies Pvt.Ltd has agreed to provide training to both students and teachers in advanced courses like Data Science, Artificial Intelligence and Data Analytics which would enhance their knowledge these core areas. The training would also result in good placement for the students.

News in media

ധാരണാപത്രം ഒപ്പിട്ടു

കാലടി • ആദിശങ്കര എൻജിനീയറിംഗ് കോളേജ് അമേരിക്കൻ സോഫ്റ്റ്‌വെയർ കമ്പനി സുയാത്തി ടെക്നോളജീസ് പ്രൈവറ്റ് ലിമിറ്റഡുമായി ധാരണാപത്രം ഒപ്പിട്ടു. ഡോറ സയൻസ്, നിർമ്മിത ബുദ്ധി, ഡോറ അനലിറ്റിക്സ് എന്നിവയിൽ ആദിശങ്കരയിലെ വിദ്യാർത്ഥികൾക്ക് സുയാത്തിയിൽ പരിശീലനവും ജോലി സാധ്യതയും ലഭ്യമാക്കുകയാണു ലക്ഷ്യം.

ആദിശങ്കരയിലെ അധ്യാപകർക്കും പ്രത്യേക പരിശീലനം നൽകും.

ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ടും സുയാത്തി ടെക്നോളജീസും ധാരണാപത്രം ഒപ്പുവച്ചു

കാലടി: ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിംഗ് ആൻഡ് ടെക്നോളജീ അമേരിക്കൻ സോഫ്റ്റ്‌വെയർ കമ്പനിയായ സുയാത്തി ടെക്നോളജീസ് പ്രൈവറ്റ് ലിമിറ്റഡുമായി ധാരണാപത്രം ഒപ്പിട്ടു. ആദിശങ്കര മാനേജിംഗ് ട്രസ്റ്റി കെ. ആനന്ദും സുയാത്തിയുടെ സ്ഥാപകനും ചെയർമാനുമായ മുകുന്ദ് കൃഷ്ണയും ധാരണാപത്രത്തിൽ ഒപ്പുവച്ചു.

ഡോറ സയൻസ്, നിർമ്മിത ബുദ്ധി, ഡോറ അനലിറ്റിക്സ് തുടങ്ങിയവയിൽ ആദിശങ്കരയിലെ വിദ്യാർത്ഥികൾക്ക് സുയാത്തിയിൽ പരിശീലനവും ജോലി സാധ്യതയും ലഭ്യമാക്കുകയാണ് ലക്ഷ്യം. ഇതിന്റെ ഭാഗമായി ആദിശങ്കരയിലെ അധ്യാപകർക്കും പ്രത്യേക പരിശീലനം നൽകും.

സുയാത്തിയുടെ ഇന്ത്യയിലെ ആസ്ഥാനമായ കാക്കനാട് ഇൻഫോ പാർക്കിലുള്ള ഓഫീസിൽ വച്ചാണ് ധാരണാപത്രം ഒപ്പിട്ടത്.



ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് മാനേജിംഗ് ട്രസ്റ്റി കെ. ആനന്ദും സുയാത്തി ടെക്നോളജീസ് സ്ഥാപകനും ചെയർമാനുമായ മുകുന്ദ് കൃഷ്ണയും ധാരണാപത്രം കൈമാറുന്നു.



EDITORIAL BOARD

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PLACEMENT TRAINING

Placement training program was provided to the 2022 passout batches of ASIET by Pragmatix. This was a 48 hours training session which started from 18/08/2021 to 20/09/2021. The session covered quantitative aptitude, company specific aptitude, verbal English, numerical aptitude, logical reasoning, basics of coding and programming with company specific stands. In addition separate classes on Resume building and mock interviews were done.

ADOBE INTERNSHIP FOR 2023 PASSOUT



Position: Product Intern

Business Unit: Product Engineering Teams
(Digital Experience, Digital Media, Document Cloud, Print and Publishing, Cloud Technology and Operations)

Location: NOIDA/Bangalore/Remote India

Duration: Summer of 2021 (10 – 12 weeks)

Stipend: INR 1,00,000

PEDAGOGY INITIATIVE



Dr.Manish TI
Dept.of.CSE

Dr. Manish T I was the Resource Person and delivered a talk on Two - Day Faculty Development Programme “NAAC Accreditation Framework-Futuristic Trends” organized by IQAC, KMEA College of Arts & Science, Kuzhivelipady, on 24/09/2021. He also attended Department Advisory Committee meeting of Data Science & Artificial intelligence specialization of Viswajyothi College of Engineering and Technology as external DAC member representative from academic institution on 26/09/2021 in online mode.

STUDENTS CORNER

ONLINE COURSES/WEBINARS/WORKSHOPS

WEBINAR / WORKSHOP

- Ben Jose Joseph from S2 CSE AI participated in “Google Analytics for Power Users” on 14/09/2021.
- Malu Mohan from S2 CSE AI attended the “Data science foundation” webinar on 05/09/2021.
- Najiya Nasrin from S2 CSE attended “AuRea” webinar.
- C S Pooja from S4 CSE attended “Xplore Digital Library Online Training Program” on 19/09/2021.
- Royal Babu from S4 CSE-B conducted a two day workshop hosted by Tinkerhub ASIET - CODEX on “Git & Github” and “Web Development” from 17/09/2021 to 18/09/2021.
- MA Nisam and Sreeram B Kamath of S4 CSE-B attended a “Web Development Workshop” conducted by IIT Kanpur.
- Sudharsan of S4 CSE-B attended a workshop on “Design Thinking” hosted by IEDC GECBH in collaboration with IEDC MEC on 24/09/2021.

MOOC COURSE

- Adwaith Nishin from S2 CSE AI took a course in Udemy “Python programming A-Z” and “Udemy Tricentis Tosca” for beginners on 24/09/ 2021.
- Sanjay Gireeshan from S2 CSE completed 6 weeks MOOC course of Internshala on the topic “Data Science” from 15/08/2021 to 15/09/2021 and 4 weeks online training on “Job interview and preparation” starting from 15/08/2021

- Janet Elsa Santhosh from S4 CSE completed “Python- Programming Language” course from Coursera on 09/09/2021.
- Joseph George Padayatty from S4 CSE-B attended “Cyber Security” course conducted collaboratively by Tinkerhub IETCU & ASIET Chapters on 28/08/2021 & 29/08/2021.

IEEE EVENTS

- Amrutha Das from S2 CSE AI and Lakshmi Priya R from S4 CSE-B attended IEEE Xplore Digital Library Training on 21/09/2021.
- Parvathy B from S2 CSE AI attended IEEE Eco Fiesta 23/09/2021.
- Kishore Babu from S4 CSE-B attended “DEVISE” conducted by IEEE CS Chapter of IEEE SB ASIET.
- Jeevan Nair PK, Lekshmi Sharma, Najiya Sigeef and Sudharsan from S4 CSE-B attended “CREATUS”, a 3 day workshop on “Web Development” in connection with IEEE Day on 11/09/2021 and an exclusive 3-day workshop on “Web Designing” from 13/09/2021.
- Sudharsan of S4 CSE-B attended a student skill enhancement program on “Digital Marketing” by IEEE SB ASIET from 27/08/2021 to 17/09/2021.

QUIZ / ONLINE EVENT

- Anju M Kammath from S2 CSE AI participated in Layam 2021; solo dance competition and secured third prize; participated in JAM and secured third prize; also participated in Tug of War debate competition conducted by NIT Calicut and secured third position.
- Aaron P Laju from S2 CSE AI attended a 2 day bootcamp organised by “Tinker Hub Codex” in the month of September.
- Jayakrishnan M from S2 CSE participated in "LAYAM 2021" pencil drawing competition and got 1st position.
- Melani A L, U Hari Krishnan and Sneha Rajan from S2 CSE attended NIRMANA'21 webinar on 15/09/2021.

- Sanjay Gireeshan from S2 CSE worked as a volunteer and participated in NIRMANA '21. He was elected as a Publicity volunteer of NIRMANA'21 and received Best publicity volunteer award. . He attended “Rashtragaan”, an initiative by the ministry of culture to mark "Azadi Ka Amrit Mahotsav' from 15/08/2021 to 15/09/2021. He took part in “Derechos De Las Mujures", a quiz competition organized by Pink Legal SLS.
- U Hari Krishnan ,Kshama P Kammath and Sneha Rajan of S2 CSE took part in Parley Online Debate Competition.
- Honey M and C S Pooja from S4 CSE participated in “Enggiclopedia” quiz on 19/09/2021.

ALUMNI CORNER



SAGAR SURESH
CSE 2016-20 BATCH
Asst. System Engineer, TCS

"Four years of B.Tech life at ASIET was indeed an unforgettable one. The campus, classrooms, coffee shop, canteen, college bus.....each and every corner of the campus has a story to remember. There was a time when I was really shy to stand in front of a crowd, whether it was a small gathering or a big crowd. That shy boy became a very active person after coming to college. I am thankful for that to my friends, both from my department and other departments who helped me to get out of my comfort zone. ASIET life will never be complete without BRAHMA. I don't know how to express that feeling. Brahma was the icon of ASIET. It was like a dream come true moment when I was able to witness the performance of AGAM band during my final year. That is my personal best Brahma moment.

Adding on to that, our department fests DEXTRA and TECHNORAVE also gave wonderful memories. There were many challenges in organizing the events but with teamwork and determination, we were able to put up a good show to the best of our abilities. The department student chapter Computer Society of India (CSI) was another platform where all the execom members tried to bring out the techie talents in the department. There were long term plans in the chapter, but an entire semester was washed out due to covid-19. Still a few online events were conducted under the guidance of our staff coordinators.

The college tour gifted some best moments with my classmates. It was really surprising that people who were really silent in the class were one among the most active guys during the tour, which made the trip more joyful and entertaining. My best tour was during my 3rd year where we went to Coorg and Chikmagalur. Classroom memories included playing cricket inside the class (for which we got the most scolding), friendly fights, and lunch time together and much more. All those things we enjoyed together have now become fruitful memories.

No matter what all mischiefs we committed, or the time we spent by conducting events and many such things, we had one thing in mind. We had set a goal, what our career has to be after stepping down from college. Whether it's getting placed in a company or going for higher studies. Almost everyone achieved what they wished to be. What I have to say is, enjoy each and every moment of your life. But in the end you must have a clear vision about your future."

FACULTY CORNER

Patent/Paper Publications

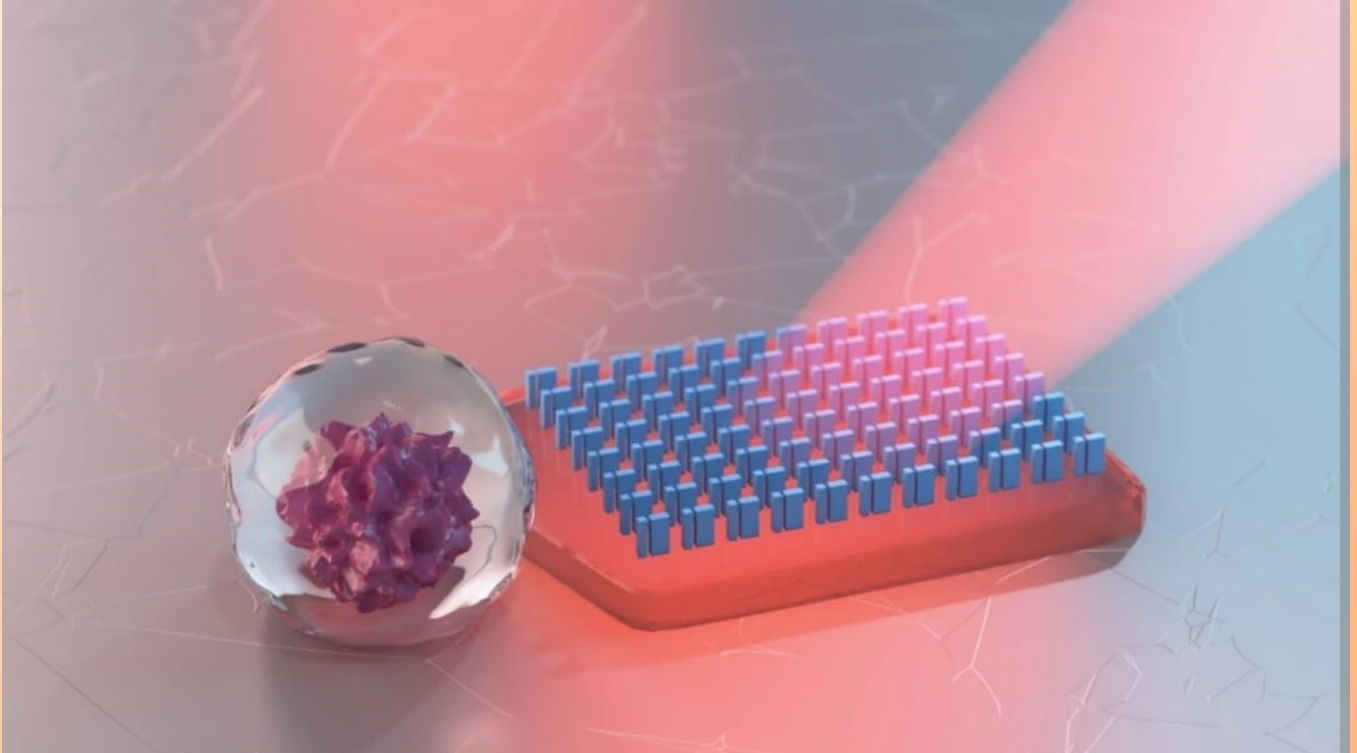
- Dr.Manish TI has filed the Innovation Patent Australia titled "Phrase search over secured IoT based e-healthcare diagnosis system" , with application number: 2021106001 on 19/08/2021

FDP / Webinar

- Asst.Prof.Joseph George attended KTU Sponsored FDP on "Research Perspectives of Machine Learning and Deep Learning for Signal Processing Applications" from 06/09/2021 to 10/09/2021.
- Asst.Prof.Gripsy Paul Mannickathan attended two days National Seminar on "Contemporary Issues in Intellectual Property Rights In India" from 20/09/2021.
- Dr.Manish T I attended IEEE Mini POCO Workshop 2021, organized by IEEE Kochi Subsection in association with APJ Abdul Kalam Technological University, Kerala, from 02/09/2021 to 04/09/2021.
- Asst.Prof.Simi M S attended “Salesforce Developer Catalyst” FDP from 07/09/2021 to 11/09/2021 organized by ICT Academy of Kerala.
- Asst.Prof. Anaswara Jayan attended ATAL FDP on “AI Enabled IoT Networks” from 13/09/2021 to 17/09/2021, organized by Adi Shankara Institute of Engineering and Technology also attended online FDP on Cyber Security and Cyber Forensic from 6/09/2021 to 10/09/2021 organized by Sahrdaya College of Engineering and Technology.
- Asst.Prof.Rose Mary Varghese and Asst.Prof. Jain Stoble B participated & successfully completed ATAL online FDP on "Robotics" from 07/09/2021 to 11/09/2021 at Adi Shankara Institute of Engineering and Technology.
- Asst.Prof.Remya Vinayakumar attended “Salesforce’s Administrator” FDP conducted by ICT Academy of Kerala from 14/09/2021 to 17/09/2021.

The Tech-News

LIGHT POWERED MICROSCOPIC META VEHICLE



Researchers have succeeded in creating tiny vehicles powered by nothing but light. By layering an optical metasurface onto a microscopic particle, then using a light source to control it, they succeeded in moving the tiny vehicles in a variety of complex and precise ways and even using them to transport other tiny objects.

The researchers also experimented with using the metavehicles as transporters to push small particles around the tank. The metavehicles proved capable of transporting objects including a microscopic polystyrene bead and a yeast particle through the water with ease. They even succeeded in pushing a dust particle 15 times the size of the metavehicle itself.

At the moment, the practical applications of this discovery may still be some way off, but the fundamental nature of the research means that its value may not yet be evident.

In the exploration of optical forces, there are many interesting effects that are not yet fully understood. It is not applications that drive this type of research, but exploration of the different possibilities. In a number of different stages ahead, you never know what will happen, but the fact that we showed how the metavehicles can be used as transporters is the most initially promising potential application; for example, to move particles through cell solutions,” said Käll.