



CSE-SKIT



Vol : 2 Issue : 2 April-June 2021 Pages : 4 Chief Editor: Dr. Shantharam Nayak
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Demonstration of Network Elements

Activities...

A Physical demonstration on “Data Center & Network Elements” was organized for 3 year students of Sri Krishna Polytechnic on **Saturday, 03-04-2021** as a part of their curriculum. Dr. Shantharam Nayak was one of the resource person. Mr. Chandru—System Administrator took the students to Data center and all the elements were shown to students. Students interacted with Chandru and sought some clarification about various network elements. Later they were taken to computer Labs to demonstrate the network setup. Mrs. Divya & Mrs. Pankajakshi took the students and visited all labs which are networked. Dr. Shantharam Nayak addressed the students and briefed about Data center & Infrastructure. He also explained about the importance of establishing and maintaining the infrastructure which is the basic necessity current days network. Prof. Bharath Palankar accompanied the students during this visit.

Total 16 students from SKP participated and drawn benefit from this visit.



Talk on Basics of Computer Network

A Talk was organized for 3rd Year CSE students of Sri Krishna Polytechnic on “Basics of Computer Network” on **Saturday, 03-04-2021** in CSE Dept of SKIT. Prof. Iranna S Amargol was the resource person. Prof. Iranna started his talk with basic introduction on computer network. He explained the role of various network elements and their functionalities. The types of different network topologies were discussed in his talk. The 7 layers of TCP-IP network was explained to the students for better understanding. The Network setup of Local Area Network [LAN] and Wide Area network [WAN] was explained. How the WAN is expanded to Metropolitan Area Network [MAN] in its expanded stage. In the era of Internet all these are very significant. Dr. Shantharam Nayak coordinated this event. Prof. Bharath Palankar from Sri Krishna Polytechnic accompanied the students

Abstract of Activities in this period

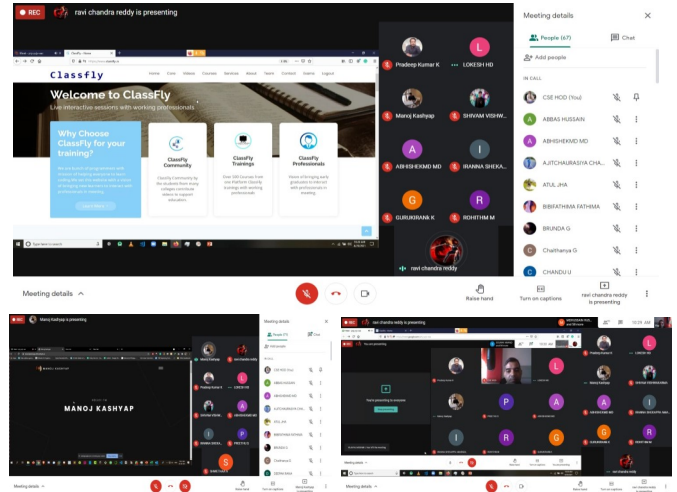
- A Demonstration on “Network & Elements” was organized on **Saturday, 03-04-2021** for Students of Sri Krishna Polytechnic.
- A Talk on : “Basics of Computer Network” by Prof. Iranna S Amaggol on **03-04-2021** for Polytechnic students.
- A talk on **Internship** from TEQUED Labs on Tuesday, **27-04-2021** for 6th sem students.
- A Demo Workshop on “Cyber Security & Data Protection” on Thursday, **29-04-2021** by Mr. Manoj Kashyap R from ClassFly Technologies.
- A Talk on “Developing Technical Paper” on Friday, **30-04-2021** by Dr. Shantharam Nayak.
- A Career Counseling on “All about GATE and Career Options” on Thursday, **13-05-2021** by Mr. Sandeep Bhandary from Unacademy.
- A Webinar on “Java Full Stack Development” on Sunday, **06-06-2021** from Alpha Tech Academy.
- Talk on “Data Science & Its Significance” and “Cyber Hygiene” on Friday, **11-06-2021** by Manish Kulkarni & Dr. Mohammed Misbahuddin.
- 3rd **National Conference** RTCISIT 2021 on Friday, **11-06-2021**. Chief Guest Prof. K K Aggarwal (Chairman NBA).
- A Webinar on “Application of Machine Learning in Industry 4.0” on Saturday, **26-06-2021** by Dr. Anasuya N J (DBIT)
- A Career Guidance for 8 sem students “Career Opportunity after Engineering” on Saturday, **26-06-2021** by Mr. Imran Poochi, Microsoft.

Do you Know ??

- * “It’s hardware that makes a machine fast. It’s software that makes a fast machine slow.”
– Craig Bruce
- * An ostrich’s eye is bigger than its brain
- * The elephant is the only mammal that can’t jump!

Demo Workshop

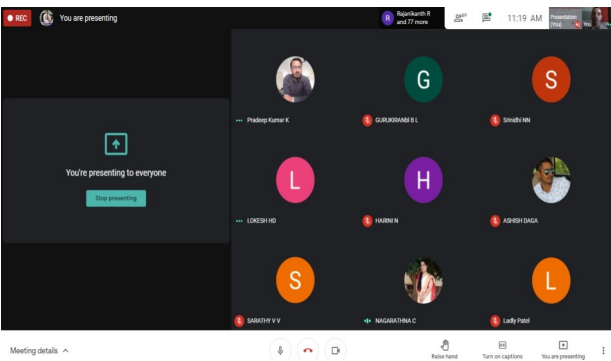
CSE Department has facilitated a Demo workshop on “**Cyber Security & Data Protection**” was organized for the benefit of students of 6 sem CSE & ISE on **Thursday, 29-04-2021**. **Mr. Ravi-chandra Reddy & Mr. Manoj Kashyap R** from **Classfly** were the resource persons to conduct the demo session. Dr. Shantharam Nayak welcomed the resource persons for this workshop. Ravi gave brief introduction about various career opportunities facilitated by Classfly. The students can Enroll, Learn and then get an opportunity to work with company on live projects. The Internship & Placement are the bonus activities who perform good in the course conducted by Classfly. Later Mr. Manoj described about Cyber Security. Due to popular demand the Cyber domain attracts large number of users and the rate of Cyber Crime also increasing. There is a huge demand to protect cyber domain and to control cyber crimes. The system users must know the security and ethical means for data protection. He explained about Ethical Hacking certification. Classfly can conduct workshop and participants get authorized certificate once they clear the Online Exam. Students were advised to take up this course. Prof. Pradeep Kumar coordinated this event. More than 70 students 10 Faculty participated & drawn benefit.



Guidance for Internship

Guidance for Internship by TEQUED Labs was organized for 6th semester students on **Tuesday 27-04-2021**. This was an orientation programme arranged for **3 year students** to bring awareness about the facilitation from TEQUED Labs. **Mr. Supreeth Y S**, Founder CEO from TEQUED Labs explained about various opportunities and options available for students. SKIT in association with TEQUED Labs helping students to encash such options for Career growth.

Talk on "Developing Technical Paper"

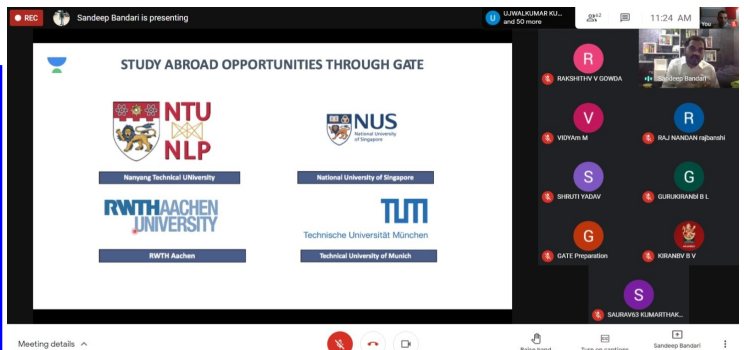


The CSE Department has organized a talk on “**Developing Technical Paper**” for the benefit of students of 8 sem CSE & ISE on **Friday, 30-04-2021**. **Dr. Shantharam Nayak** was the resource persons to conduct this webinar.

Prof. Pradeep Kumar welcomed the resource person and requested to deliver talk. Dr. Nayak discussed about basic structure of a technical paper and necessary components of the same. He provided the clear input to the participants and explained regarding how to formulate a technical paper related to the project work of students. What are the components to be included in the paper which can give proper meaning to that document. More than 90 students attended & actively participated in this talk. Few questions raised by the participants were answered. Prof. Pradeep Kumar coordinated this event. The students were advised to submit their technical paper to the National Conference organized in the Institution. Total participation 70.

Higher studies

Guidance for Higher studies by Unacademy was organized for 6th & 8th semester students separately on **Thursday 13-05-2021**. This was an orientation programme arranged for **3 & 4 year students** to bring awareness about the various schemes available for higher studies. **Mr. Sandeep Bhandari**, from Rudra Eduservices Unacademy, Hyderabad explained about various opportunities and options available for students. The Webinar focused on “**All about GATE and Career Options**”. Prof. Pradeep Kumar coordinated this event. 6 sem 80 & 8 sem 65 students attended this webinar.

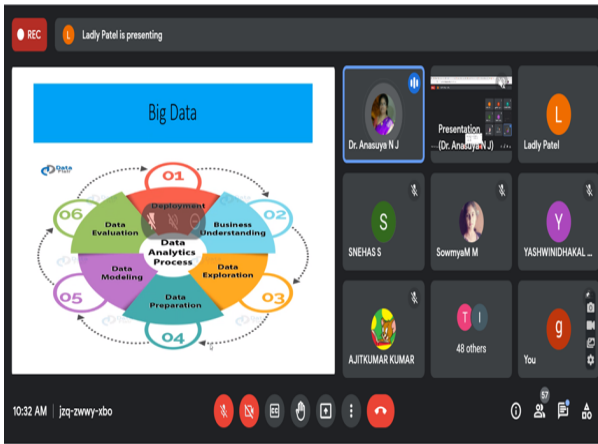


Webinar on Career Opportunities

A webinar on “**Career Opportunity after Engineering**” was organized for 8th sem students on **Saturday, 26-June-2021**. This was jointly organized by CSE & ISE departments. **Mr. Imran Poochi**, Software Engineer from Microsoft addressed the students. Total 97 students participated. Prof. Imran Ulla Khan(CSE) and Prof. Manzoor Ahmed (ISE) coordinated this event.

Counseling Talk

Talk on “**Integrated Artificial Intelligence Curriculum**” was organized on **Wednesday, 26-05-2021**. **Mr. Supreeth Y S**, Founder & CEO, TEQUED Labs addressed the 1st year students. He explained that the availability of various supporting course which the students can undergo during their study. This integrated course will help the students to have an edge over high competitions.



Webinar on "Application of ML in Industry 4.0"

Webinar on "Application of Machine Learning in Industry 4.0", was organized by Department of Computer Science and Engineering, Sri Krishna Institute of Technology on Saturday, 26-06-2021 at 10 AM. The webinar was conducted online. The Resource Person was Dr. Anasuya N J, HOD, CSE(AI&ML), Don Bosco Institute of Technology, Bengaluru. The event was coordinated by Prof. Geetha Megharaj and Prof. Ladly Patel with the support and guidance of Dr. Shantharam Nayak, HOD of CSE, Sri Krishna Institute of Technology. All the faculty and Students from 6th SEM and 8th SEM of CSE department participated in the webinar. Various topics viz, Machine Learning, Internet of Things, Big Data, Artificial Intelligence and various applications were discussed. The session was very informative for students and they will surely get benefits from this webinar. More than 70 students benefited from this talk.

Talk on 11-06-2021

A Talk on "Data Science & Its Importance" was organized for 6th sem students on Friday, 11-06-2021. Mr. Manish Kulkarni was the Resource person. Total 105 students participated.

A Talk on "Cyber Hygiene Practices to Achieve Cyber Safety" was organized for 8th sem students on Friday, 11-06-2021. Dr. Mohammed Misbahuddin was the Resource person. Total 95 students participated. Prof. Pradeep Kumar, Dr. Srinidhi N N, Prof. Lokesh H D coordinated these events.



Prof. Geetha C Megharaj appeared for his Ph. D Public Viva on 25-06-2021 under VTU. The Title of Thesis "Approaches for Power Optimized Load Balancing Techniques in Private Cloud Systems" Under the supervision of Dr. K G Mohan, Professor, Presidency University, B'lore. **CONGRATULATIONS !!! to Dr. Geetha C Megharaj**



Prof. Srinidhi N N appeared for his Ph. D Public Viva on 17-04-2021 at UVCE, B'lore, Bangalore University. The Title of Thesis "Optimization Techniques for Network Layer Protocols in Internet of Things" Under the supervision of Dr. S M Dilip Kumar, UVCE. **CONGRATULATIONS !!! to Dr. Srinidhi N N**

Faculty Achievements

Congratulations !!

- Dr. Shantharam Nayak Coordinated to demonstrate Network Facilities to students of Sri Krishna Polytechnic on 03-04-2021.
- Dr. Shantharam Nayak attended a webinar on "Intellectual Property Rights and Patent Filing" on Friday, 23-04-2021.
- Dr. Shantharam Nayak conducted webinar on "Developing Technical Paper" on Friday, 30-04-2021.
- Dr. Shantharam Nayak attended a webinar on "Role of Education in Holistic Development" on Tuesday, 04-05-2021.
- Dr. Shantharam Nayak attended 5 days workshop "Mentor the Mentor" during 14-18 June 2021 organized by National Institute of Technical Teacher's Training and Research, Chennai [NITTTR-C].
- Dr. Shantharam Nayak attended a National Workshop on "Transformation through NAAC Accreditation Process" by Institute for Academic Excellence (IAE), Hyderabad on 21-22 June 2021.
- Dr. Shantharam Nayak attended a webinar on "Block Chain & Applications" on 28-06-2021 organized by ISE Department.
- Gowamma G S, Dr. Shantharam Nayak, Dr. Nagaraj Cholli, A paper titled "Evaluation of Machine Learning Algorithms on the Prediction of Live Birth Occurrence", International Journal of Pharmaceutical (IJP), April-June 2021, Vol 13, Issue 2, pp 3243-3251, ISSN: 0975-2366.
- Prerana Chaitra, Dr. Shantharam Nayak, A paper titled "Machine Learning Technique for Identifying Ambiguities of in Software Requirements", Turkish Journal of Computer and Mathematics Education (TURCOMAT), Vol.12, No. 11, May 2021, pp 6852-6857. e-ISSN 1309-4653, Scopus indexed, Impact Factor 0.32.
- Prof. Geetha C Megharaj & Prof. Ladly Patel organized and coordinated a Webinar on "Application of ML in Industry 4.0" on Saturday, 26-06-2021.
- Prof. Iranna S Amargol delivered a talk on "Basics of Computer Network" on 03-04-2021 to Students of S K Polytechnic.
- Prof. Ladly Patel attended a webinar on "Intellectual Property Rights and Patent Filing" on Friday, 23-04-2021.
- Prof. Ladly Patel attended a webinar on "Excel on Excel" on Friday, 18-06-2021 organized by IQAC-SKIT.
- Prof. Ladly Patel attended a Workshop on "Introduction to Deep Learning" on 28-06-2021 from Great Learning.
- Prof. Ladly Patel attended a webinar on "Block Chain & Applications" on 28-06-2021 organized by ISE Department.
- Srinidhi N N, Shreyas J, Dilip Kumar S M, A paper titled "Dynamic cluster head selection algorithm for maximizing IoT Network lifetime", International Journal (IJREAT), ISSN: 2321 8843.
- Dharamendra Chouhan, Anupriya Singh, Srinidhi N N and Shreyas J, A paper titled "Effective Data Delivery Algorithm for Mobile IoT Nodes", International Conference ICSAC 2021, 5-6-April-2021.
- Dr. Srinidhi N N attended a webinar on "Intellectual Property Rights and Patent Filing" on Friday, 23-04-2021.
- Prof. Pradeep Kumar coordinated a Technical talk on 30-04-2021.
- Prof. Pradeep Kumar coordinated a career Counseling event on 13-05-2021 for 6 & 8 sem students.
- Prof. Pradeep Kumar coordinated a talk on "Data Science & Its Importance" on 11-06-2021.
- Prof. Lokesh H D coordinated a talk on 11-06-2021 for 6 sem students.
- Sindhuja B attended FDP on "Machine Learning Based Applications" organized by Department of ECE, Sreyas Institute of Engineering and Technology Hyderabad during 31st May to 6th June 2021.
- Sindhuja B attended FDP on Research areas in AI & ML at Gokaraju Rangaraju Institute Engineering & Technology, 14-20 June 2021.
- Prof. Pradeep Kumar & Prof. Nagarathna C delivered a Talk on "Industry 4.0 and Placement at SKIT" on Monday, 10-05-2021 during 1st year Students Induction Programme.

The 3rd National Conference on :Recent Trends in Computer Science & Information Technology [RTCSIT-2021] was jointly organized by Departments of CSE & ISE in SKIT Bangalore on Friday, 11-06-2021.

Prof. K K Aggarwal Chairman NBA,-New Delhi Past President CSI "India's NEP : Boundless Opportunities"	Chief Guest
Mr. Manoj Kashyap R Business Director, Classfy Technologies, B'lore "Deep Learning—Way Forward"	Keynote Speaker
Dr. Mohammed Misbahuddin Joint Director, CDAC, Bangalore "Cyber Hygiene Practices to achieve Cyber Safety"	Invited Speaker
Mr. Manish Kulkarni Data Scientist, QC Symonds "Data Science & Its Significance"	Invited Speaker

The Inauguration of the conference was held online due to pandemic situation at 9.30 in Google meet. Prof. K K Aggarwal – Chairman, NBA, New Delhi, was invited as the Chief Guest of the Inaugural function. Mr. Manoj Kashyap, Corporate Trainer, Classfly was the Guest of Honor. Dr. Manjunatha A., Principal, SKIT, Bangalore, Presided over the function. Dr. Raghavendra V (Director, SREIS) and Ms. Rakshitha V., Associate Director, SREIS, graced the occasion.

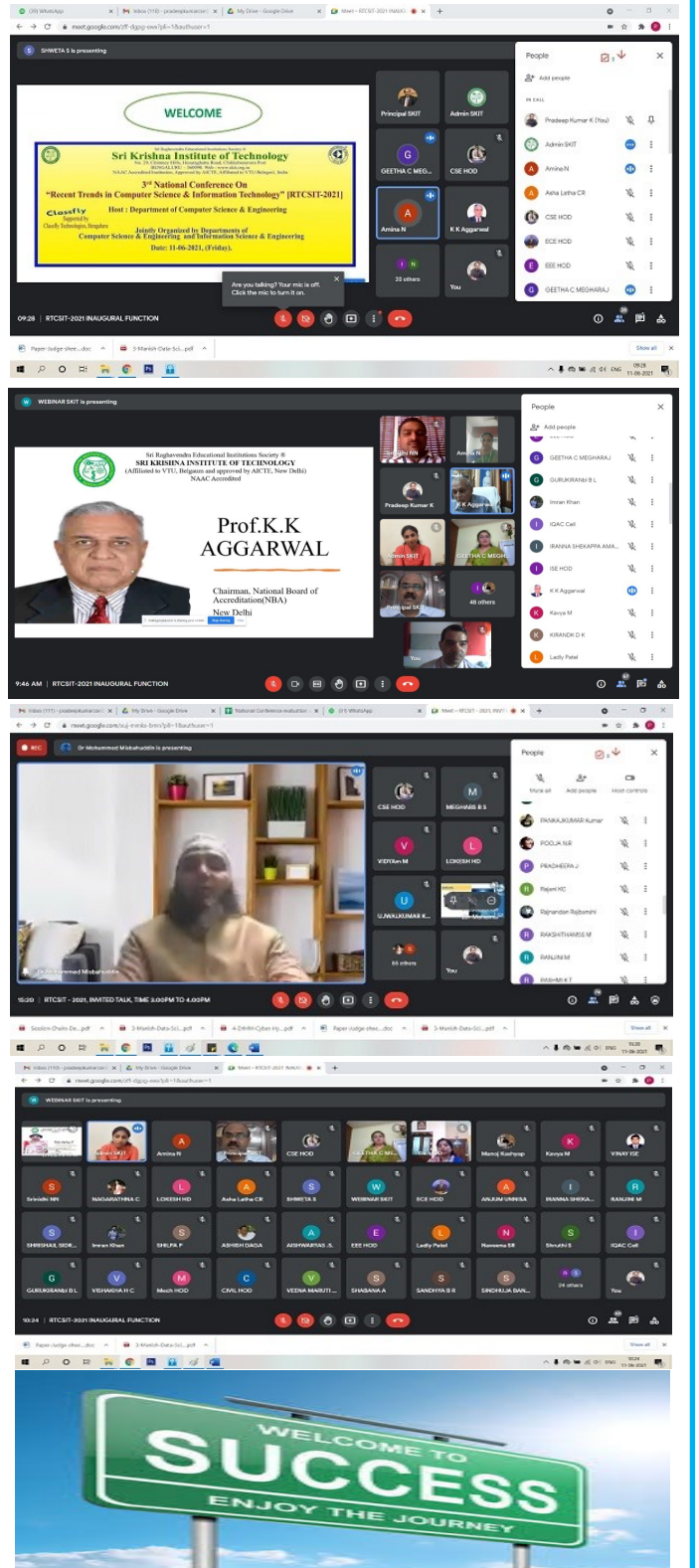
Dr. Shantharam Nayak HOD, Department of CSE welcomed the dignitaries, all the participants. Prof. Geetha Megharaj presented relevance and glimpse of the conference. The Souvenir was released virtually and all the attendees witnessed the moment. Prof. K. K. Aggarwal, in his Inaugural speech appreciated the efforts of the college for having organized this type conference which is very much relevant in the fast growing science and technology. Mr. Manoj Kashyap delivered key note address mentioned the importance of skill development on latest technologies Artificial Intelligence, Machine Learning, Deep learning technologies. Dr. Manjunatha A., Principal, SKIT delivered presidential address, encouraged the participants to involve such technical activities. Ms. Rakshitha, associate Director, SREIS, congratulated the organizing team and appreciated efforts in conduction of National Conference in this pandemic situations. Dr. Hemalatha K.L., conveyed vote of thanks and expressed gratitude to all the resource persons, participating researchers, students and organizers for making the 3rd National Conference on Recent Trends in Computer Science and Information Technology [RTCSIT-2021] successful. Mrs. Amina N & Ms Sushma M Coordinat-ed Inaugural Programme with the support from colleagues.

Dr. Mohammed Misbahuddin talked on "Cyber Hygiene-Practices to achieve Cyber Safety". Mr. Manish Kulkarni talked on "Data Science & Its Significance". Both these talks were well attended by students & faculty. Prof. Pradeep Kumar Coordinated this activity. The Registered Papers (50 nos) were presented by authors in 3 different tracks. Session chairs (Internal & External) witnessed the in respective session. The day was concluded with nice valedictory coordinated by Mrs. Shwetha S Bagali & Mrs. Nethra H L. The faculty members from CSE & ISE were involved in the successful execution of this conference. Their planned work resulted in seeing the success of RTCSIT-2021.

Faculty CSE: Dr. Shantharam Nayak, Dr. Shrishail Math, Prof. Geetha C Megharaj, Prof. Lokesh H D, Prof. Rashmi K T, Prof. Nagarathna C,

Prof. Shwetha S Bagali, Prof. Shilpa V, Prof. Nethra H L, Prof. Amina N, Prof. Sushma M, Prof. Pradeep Kumar K, Prof. Kavya M, Dr. Srinidhi N N, Prof. Sindhuja B, Prof. Ladly Patel. Prof. Iranna S Amargol.

Faculty ISE: Dr. Hemalatha K L, Prof. Sandhya B R, Prof. Vinay Kumar B C, Prof. Shriti B P, Prof. Veena M Naik, Prof. Sindhu G.



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