



# SKN SINHAGAD COLLEGE OF ENGINEERING

## E&TC Engineering Department

VOLUME VIII, ISSUE II

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ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT ORGANIZED TECHNICAL ACTIVITIES STUDENTS PARTICIPATED IN THE ACTIVITIES WITH FULL SPIRIT.

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## Competition on "Best Business Plan"

"Best Business Plan" Competition is organized by Department of Electronics & Telecommunications Engineering in association with Institution Innovation Council (IIC) and Entrepreneurship Development Students Association (EDSA) SKN Sinhgad College of Engineering, Korti, Pandharpur (SKNSCOE) on 6th March 2021. at 2.00 pm onwards via Google meet platform.

### Way of delivery

The session was delivered by online mode through

Google meet Link - <https://meet.google.com/jav-fwys-skx>

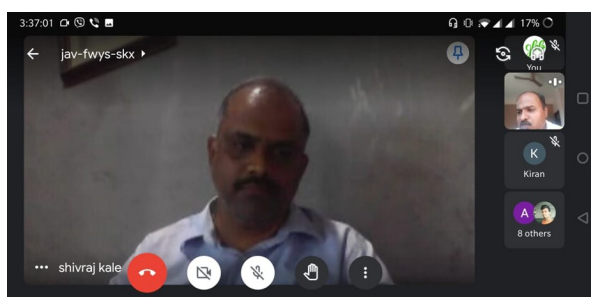
Instagram Link - <https://www.instagram.com/p/CMCOJcrLMLY/?igshid=w8lmy92j8g2q>

Facebook Link - [https://m.facebook.com/story.phpstory\\_fbid=3737273796368700&id=100002583485214](https://m.facebook.com/story.phpstory_fbid=3737273796368700&id=100002583485214)

**TIME-** 2.00 PM onwards

**Date:** 06/03/2021

Mr. Shivraj Kale, Director (R&D - AgroTech Division), PSP-IP & Associates Pvt Ltd , Shivajinagar, PUNE, conducted the session. The session will mainly focus on major highlights of Entrepreneurship Development importance for students. Innovation and entrepreneurship through best business plan.



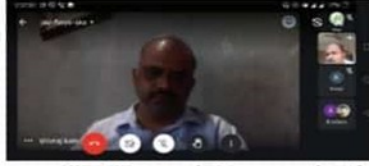
Students and faculty members understood the key features of Entrepreneurship Development, innovation and start-ups.

Faculty members from institute, students and few external members. (Near about more than 100 participants) joined for interaction.

# पंढरपूर सिंहगड मध्ये बेस्ट बिझनेस प्लॅन ऑनलाईन स्पर्धा संपन्न

पंढरपूर: प्रतिनिधी – एस. के. एन. सिंहगड कॉलेज ऑफ इंजिनिअरिंग कोर्टी, पंढरपूर महाविद्यालयात दि. ६ मार्च २०२१ रोजी ऑनलाईन बेस्ट बिझनेस प्लॅन या विषयावर ऑनलाईन आयोजित करण्यात आली होती. हि स्पर्धा उत्साहात संपन्न झाली असल्याची माहिती महाविद्यालयाचे प्राचार्य डॉ. कैलाश करांडे यांनी दिली.

सिंहगड महाविद्यालयातील अणुविद्युत आणि दूरसंचार विभागाने इंस्टिट्यूट इन्व्हेस्टिगेशन कौन्सिलिंग आणि उद्योजक विकास विद्यार्थी परिषद यांच्या संयुक्त विद्यमानाने बेस्ट बिझनेस प्लॅन ही ऑनलाईन स्पर्धा आयोजित करण्यात आली होती. या मध्ये अणुविद्युत आणि दूरसंचार विभागाचे प्रमुख प्रा. सुधा सुरवसे यांनी स्पर्धेचे प्रास्ताविक केले. महाविद्यालयाचे उपप्राचार्य डॉ. स्वानंद



कुलकर्णी यांनी व्याख्याते शिवराज काळे यांचे स्वागत केले.

पंढरपूर सिंहगड महाविद्यालयाच्या वतीने आयोजित केलेल्या ऑनलाईन स्पर्धेमध्ये अंग्रे टेक पुणे विभागाचे मुख्य अधिकारी, तज्ञ व अभ्यासू व्यक्ती शिवराज काळे यांनी व्यवसाय उद्योगासाठी लागणारे भांडवल, महाविद्यालयाचे आर्थिक नियोजन, उद्योजकांसाठी असणारे रिवाईड, मेकॅनिक्स, विविध कापरेट पार्टनर बरोबर सामंजस याविषयी महत्त्वपूर्ण मार्गदर्शन केले. या

ऑनलाईन स्पर्धेत ४९ हून अधिक विद्यार्थ्यांनी सहभाग नोंदवला होता. विद्यार्थ्यांनी विविध व्यवसायाच्या योजना सादर केल्या. शिवराज काळे, महाविद्यालयाचे उपप्राचार्य डॉ. स्वानंद कुलकर्णी, डॉ. बाळासाहेब गंधारे, प्रा. अमोल जगदाळे यांनी स्पर्धकांच्या सादरीकरणाचे मुल्यांकन केले. या स्पर्धेचे नियोजन प्रा. गणेश बिराजदार यांनी केले. कार्यक्रमाचे सूत्रसंचालन कु. किरण संतानी यांनी केले तर ऑनलाईन सहभागीचे आभार डॉ. बाळासाहेब गंधारे यांनी मानले. हि स्पर्धा यशस्वी करण्यासाठी महाविद्यालयाचे उपप्राचार्य डॉ. स्वानंद कुलकर्णी, डॉ. बाळासाहेब गंधारे, डॉ. संपत देशमुख, प्रा. अमोल जगदाळे, प्रा. सुधा सुरवसे, प्रा. गणेश बिराजदार आदीसह महाविद्यालयातील सर्व शिक्षक व शिक्षेक्षेत्र कर्मचाऱ्यांनी परिश्रम घेतले.

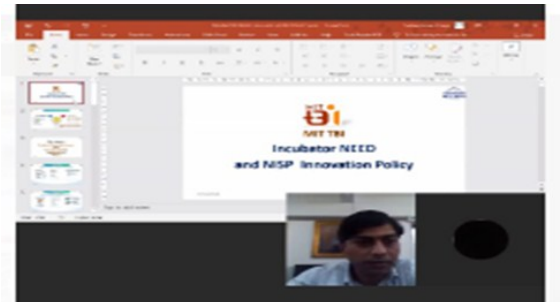
## PITCHING WORKSHOP AND LINKAGE OF INNOVATORS WITH INNOVATIVE AMBASSADORS

In todays cross coupled platforms pitching and linkage in various joints its azimuth and vertical axis transformations play a vital role in design of joints specifically in turrbines, indusrial pulleys gates. The young research teams, faculty members in department of electronics and telecommunication engineering decided to have such trendful session on pitching and linkage methods for understanding various major modules and methods used in pitching and a brief study of linkage market technics. Date: 9th Feb 2021, Timing : 11:15 AM - 12:30 AM

**Way of delivery-** The session was delivered by online mode through Microsoft Team through link of

Meeting URL: [https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_NWEwMDAYNjAtZjZkNS00Y2JlThiOTUtNTU1ZWE5OTlmYjdk%40thread.v2/0?context=%7b%22Tid%22%3a%22ab6\\_884a9-f1e1-47fd-87f1-c6bac7ad8f5a%22%2c%22Oid%22%3a%22b8e23b6e-82b4-400d-8ea0-235efe224a18%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWEwMDAYNjAtZjZkNS00Y2JlThiOTUtNTU1ZWE5OTlmYjdk%40thread.v2/0?context=%7b%22Tid%22%3a%22ab6_884a9-f1e1-47fd-87f1-c6bac7ad8f5a%22%2c%22Oid%22%3a%22b8e23b6e-82b4-400d-8ea0-235efe224a18%22%7d)

Mr. Pradeep Dhage from COO MIT TBI Pune, has conducted the session To understand the different joints pitching technics used in industries, Linkage analogous methods for pitching types. Faculty members from institute, students and few external members joined for interaction.



# A Webinar Series

Savitribai Phule Shikshan Prasarak Mandal's  
**SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR**  
Tal: Pandharpur, Dist: Solapur. 413304  
NAAC "A" Grade Institute

|| ज्ञान दान पवित्र दान ||

**"Electronics and Telecommunication Department"**  
**"Webinar Series"**

**"RF Circuit Design using ADS"**  
Date: 29/03/2021  
Time 4.00 pm to 5.00 pm

**"Advances In Industrial Automation"**  
Date: 31/03/2021  
Time 4.00 pm to 5.00 pm

**Mr. Vivek Ratnaparkhi**  
Asst.-Prof SSGMCE Shegaon

**Mr. Mahesh Pawar**  
Sr. Application Engineer  
Siemens India Sw Pvt Ltd

**"Recent Trends in Machine Learning"**  
Date: 30/03/2021  
Time 4.00 pm to 5.00 pm

**"Medical Image Processing for Disease Detection"**  
Date: 01/04/2021  
Time 4.00 pm to 5.00 pm

**Mr. Shreenath Birajdar**  
Quantitative Analyst  
Crisil Ltd Pune

**Dr. Sonal Kirankumar Jagtap**  
HOD E&TC  
SKNCOE Vadgaon

On Zoom Meet

On Zoom Meet

On Zoom Meet

On Zoom Meet

☎ (02186) 250156 Institute Code: 6643 www.skncoe.ac.in

**INTRODUCTION TO MACHINE LEARNING & ARTIFICIAL INTELLIGENCE**

Srinath Birajdar | Shubham Kulkarni | Prasad Chhal  
Quantitative Analyst | Business Data Scientist | Scientist  
CRISIL | CRISIL | CRISIL

**RF Circuit Design Using ADS**

**Mr. Vivek Ratnaparkhi**  
Assistant Professor  
Department of Electronics & Telecommunication Engineering,  
Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Objectives of the Webinar Series are as 1.To understand mathematical analysis and practical approach of industrial techniques. 2. To identify the expansion of current electronics platforms and explore the novellus scope for research 3. To understand industrial aspects and their correlation with academic syllabus.

Outcome - 1. Participants analyze the terms and their actual practical implementation. 2. Students understood various soft-As in day to day life in the era 21st century the electronics technology plays an important in perspective of human comfort and automation. In current pandemic situation of COVID-19 electronics science its technologies spreading the enormous new products services for humanness systems. By considering this aspect, Dept of E&TC launched one Webinar Series program, from 29th March 2021 to 1st April 2021

## Webinar Series News in Pudhari Paper

### पंढरपूर सिंगडच्या इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन विभाग वेबिनार सिरीज संपन्न

पंढरपूर: प्रतिनिधी एस. के. एन. सिंगड कॉलेज ऑफ इंजिनिअरींग कोटी, पंढरपूर महाविद्यालयातील इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरींग विभागात ४ दिवसीय ऑनलाईन वेबिनार सिरीजचे आयोजन करण्यात आले होते. ही वेबिनार सिरीज मोठ्यात उत्साहाने संपन्न झाली असल्याची माहिती महाविद्यालयाचे प्राचार्य डॉ. कैलाश कर्नाडे यांनी दिली.

सिंगड महाविद्यालयातील इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरींग विभागातील विद्यार्थ्यांसाठी दि. २९ मार्च २०२१ ते १ एप्रिल २०२१ या कालावधीत आयोजित करण्यात आलेल्या ऑनलाईन वेबिनार सिरीज मध्ये शिक्षण व औद्योगिक क्षेत्रातील तसेच एस.टॅक., पी.एच. डी. धारक विद्यार्थ्यांनी ऑनलाईन वेबिनार सिरीज मध्ये मुल्ल मिटण्या साह्याने सहभाग नोंदवून माहिती घेतली.

राज्यात सद्या कोरोना संसर्गजन्य रोगाचा वाढता प्रादुर्भाव लक्षात घेऊन महाविद्यालयात सुटी असून या सुट्टीच्या कालावधीत विद्यार्थ्यांचे सैद्धांतिक मुकसल



होऊ नये यासाठी पंढरपूर सिंगड अभियांत्रिकी महाविद्यालयाचे ऑनलाईन शिक्षण सुरुच ठेवले असून याशिवाय ऑनलाईन वेबिनार सिरीज आयोजित करून विद्यार्थ्यांना आधुनिक

तंत्रज्ञानावर विविध नामांकित कन्फरन्सद्वारे मार्गदर्शन करण्यात येत आहे. विद्यार्थ्यांना रिसर्च प्रोजेक्ट्स, कंपनी नवीन तंत्रज्ञान या विषयी महत्त्वपूर्ण माहिती वेबिनार सिरीज मध्ये देण्यात आली. यामध्ये विवेक

रत्नपारखी यांनी रेडिओ फ्रिक्वेन्स डिझाइन युरीज ए. डी. एस. हे एनटीआचे लोकप्रिय सॉफ्टवेअर विद्यार्थ्यांना शिकवले. श्रीनाथ बिराजदार यांनी रिसॅट टेक्नॉलॉजी इन मशीन लर्निंग मधून आधुनिक यांत्रिक भेरीबद्दल माहिती दिली. महेश पवार यांनी अँड्रॉइडस इन ऑटोमेशन इंडस्ट्रीज याद्वारे सॉफ्ट इंडस्ट्रीयल विद्यती त्यामध्ये असणाऱ्या प्रोसेसची माहिती दिली आणि डॉ. सोनल जगताप यांनी मेडिकल इमेज प्रोसेसिंग फॉर डिजिटल डिटेक्शन मधील वापर या विषयावर मार्गदर्शन केले. या ऑनलाईन

वेबिनार सिरीज मध्ये क्रिसेल, सिमेन्स, किसाईट अशा नामवंत कंपनीतील तज्ज्ञांकडून विद्यार्थ्यांना मार्गदर्शन मिळाले. ऑनलाईन सहभागी सर्व मान्यवरांचे इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरींग विभाग प्रमुख प्रा. सुधा सुरवसे यांनी आभार मानले. हा वेबिनार सिरीज कार्यक्रम यशस्वी करण्यासाठी प्रा. ऋषिकेश देशपांडे, समन्वयक प्रा. मिर्झात जुंदळे, प्रा. प्रियांका बनकर, प्रा. सिद्धेश्वर गंगीझा आदी सह महाविद्यालयातील सर्व शिक्षक व शिष्येतर कर्मचाऱ्यांनी परिश्रम घेतले.



# International Conference on Computational Intelligence in Engineering Systems (ICCIES-(ICCIES-2021))

<p><b>ABOUT INSTITUTE</b></p> <p>SKN Sinhgad College of Engineering is housed in beautiful campus of 20 acres and is developed under dynamic leadership of Hon'ble Prof. M. H. Navale. The Institute offers five B. Tech, four M. Tech. and two Ph. D degree courses in Engineering and Technology under Purnashlok Ahilyadevi Holkar Solapur University, Solapur. Since its establishment, the institute has made considerable progress in the field of Engineering education and research. As a result of this, the institute is accredited with 'A' grade by NAAC. The institute ensures the overall development of students through well-defined teaching learning process and skill based activities. Students will have an exposure for experiential learning through value based Education and on campus projects. The team of faculty members of SKNSCOE are committed to prepare their students as tomorrow's leaders to match the need of fast changing world under the guidance of Dr. Kailash J. Karande, Principal, SKNSCOE. All the laboratories of each departments have modern and state-of-art equipment's with all required hardware's and software's. The library is fully fledged with all required reference books, Journals, periodicals. The institute has well equipped hostel facilities, computer center, hygienic mess and canteen, dispensary, ATM, Gymnasium, etc. within the campus.</p> <p><b>ABOUT DEPARTMENT</b></p> <p>Departments of Electrical and Electronics &amp; Telecommunication Engineering are engaged in fulfilling the much desired basic requirements of regular B. Tech, M. Tech &amp; Ph.D. programs. The departments have various laboratories to cater for prescribed experiments at UG and PG levels. The departments have highly qualified and experienced faculty members who guide UG and PG students and motivates them towards research. Furthermore, departments have been set up with the following research areas:</p> <ul style="list-style-type: none"> <li>▪ Internet of Things</li> <li>▪ VLSI and Embedded systems</li> <li>▪ RFID Antenna Design and fabrication</li> <li>▪ Renewable Energy</li> <li>▪ Biomedical Image and Signal Processing</li> <li>▪ Power quality</li> <li>▪ Power Electronics &amp; Drives</li> </ul> <p><b>ABOUT PANDHARPUR</b></p> <p>Pandharpur is unique holy place, known as South Kashi of India and situated on the bank of Bhima river. The river Bhima is known as Chandrabhaga as it takes the shape of crescent moon near the town. Moreover, city is well known throughout India for God Vitthal. People arrive from all over the country to worship lord Vitthal. The varkaris start marching from their homes towards Pandharpur in groups called Dindi. About 10-15 lac varkaris visit the city as pilgrims on the occasions of Aashadhi Ekadashi.</p> 	<p><b>ABOUT CONFERENCE</b></p> <p>This scientific international conference guarantees to enable and to secure the theme of <b>Computational Intelligence: Adaption for Future Comfort</b> by exchanging innovative thoughts and ideas. The conference will also provide a platform to share the new ideas related to recent developments in the role of Automation in IOT, WSN, Artificial Intelligence, Electro optical materials and many more aspects. ICCIES-2021 combines knowledge of Electrical and Electronics Engineering with Materials in product design. In addition to this, one will work to improve the performance of electromechanical and electrica-electro devices.</p> <p><b>TARGETED AUDIENCE</b></p> <p>Scientists and Researchers Academicians / Faculty from Engineering &amp; Science stream Junior / Senior Research Fellows PG / UG Students Engineering &amp; Science stream</p> <p><b>REGISTRATION DETAILS</b></p> <p>It is mandatory to register at least one author after acceptance of the paper and to present it in the ICCIES-2021 oral/poster session to appear in the publication of proceeding/journal. Certificate will be issued only for registered author.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Delegate Type</th> <th>Indian (INR)</th> <th>Foreign (\$)</th> </tr> </thead> <tbody> <tr> <td>• Industry</td> <td>10,000/-</td> <td>300</td> </tr> <tr> <td>• Scientists/Academia</td> <td>9500/-</td> <td>250</td> </tr> <tr> <td>• Research scholars*</td> <td>9300/-</td> <td>200</td> </tr> <tr> <td>• Students (PG/UG)*</td> <td>9000/-</td> <td>180</td> </tr> <tr> <td>• Attendee #</td> <td>1500/-</td> <td>50</td> </tr> <tr> <td>• Accompanying Person</td> <td>2000/-</td> <td>50</td> </tr> </tbody> </table> <p>* ID proof mandatory. # No Publication</p> <p><b>Registration Fee includes:</b> Participation in scientific sessions, Conference Proceeding (Soft copy), Publication support, Certificate, coffee/tea/snacks (during the conference), etc.</p> <p><b>PAYMENT DETAILS</b></p> <p>Registration and accommodation fee can be paid through internet banking in the following bank account: Bank: Canara Bank Branch: Pandharpur A/C Name: SKN Sinhgad College of Engineering (R and D) A/c No.: 2676201000215 IFSC Code: CNRB0002676</p> <p><b>CONTACTS</b></p> <p>Prof. G. B. Birajadar      Prof. A. D. Waghmode +91-9404902687      +91-7517081794</p>	Delegate Type	Indian (INR)	Foreign (\$)	• Industry	10,000/-	300	• Scientists/Academia	9500/-	250	• Research scholars*	9300/-	200	• Students (PG/UG)*	9000/-	180	• Attendee #	1500/-	50	• Accompanying Person	2000/-	50	<p style="text-align: center;"><b>International Conference on Computational Intelligence in Engineering Systems (ICCIES-2021)</b></p> <p style="text-align: center;"><b>June 25-26, 2021</b> <a href="https://www.iccies.com">https://www.iccies.com</a></p>  <p style="text-align: center;"><b>Academically Assisted by</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">               University of Agder, Norway         </div> <div style="text-align: center;">               Kyushu Sangyo University, Japan         </div> <div style="text-align: center;">               University of Ruhuna, Sri Lanka         </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">               Universiti Teknikal Malaysia Melaka, Malaysia         </div> <div style="text-align: center;">               Sinhgad Institutes         </div> </div> <p style="text-align: center;">Organized by <b>Department of Electrical and Electronics &amp; Telecommunication Engineering, SKN SINHGAD COLLEGE OF ENGINEERING,</b> Accredited with 'A' grade by NAAC</p> <p style="text-align: center;">Korti, Pandharpur-413304, Maharashtra, India. (Affiliated to Purnashlok Ahilyadevi Holkar Solapur University, Solapur, Approved by DTE, Govt. of Maharashtra and AICTE)</p>
Delegate Type	Indian (INR)	Foreign (\$)																					
• Industry	10,000/-	300																					
• Scientists/Academia	9500/-	250																					
• Research scholars*	9300/-	200																					
• Students (PG/UG)*	9000/-	180																					
• Attendee #	1500/-	50																					
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