



DAILY NEWSLETTER

06 June 2019
Volume: 2 Issue: 01



Editor-in-Chief

Dr.J.Janet
Principal

Co-Editor

Dr.S.Sheeba Rani, EEE

Editorial Team

Dr.C.Samson Jerold - MECH, Prof.M.Diwakaran - IT
Dr.K.C.Ramya - EEE, Prof.N.Pooranam - CSE
Prof.S.Mary Fabiola - S&H

TRAINING

NEW FACULTY ORIENTATION PROGRAMME

DAY 1



Session 1: Roles and Responsibilities

Our beloved Principal madam **Dr.J.Janet** welcomed the newly joined faculty members and delivered the inaugural talk on Introduction to SKCET, Roles and Responsibilities & India Rankings.

Session 2: Documentation and Reporting

Dr.D.Maruthachalam Head of the Department, Civil Engineering on Documentation and Reporting, Autonomous Status.



Session 3: Industry-Institute Interaction.

Dr.Jeyasudha Subburaj, Placement Officer addressed the newly joined faculty on Industry-Institute Interaction.



Session 4: Introduction to NAAC & NPTEL

Dr.P.Ashoka Varthanan, Head of the Department, Mechanical Engineering delivered a talk on NAAC, NPTEL and ARIIA Ranking.

Session 5: Faculty-Student Relationship

Dr.V.Ragavi, Head of the Department, S&H addressed the participants on the effective Tutor-ward system followed at SKCET. She enriched the faculty o on ways to encourage and mould the students, preparing them for their career through good teaching-learning practices and Student counselling.



RESEARCH AND DEVELOPMENT

DST CHORD PROPOSAL PRESENTATION



Our Principal madam **Dr.J.Janet** has presented the DST CHORD proposal on "Scientometric Forecast Analysis for the improvisation of India Precision Agriculture Market with regard to Scientific Advancements of Developing Countries" before the expert committee panel at Bengaluru.

The proposal was acknowledged with positive reviews by the Scientists.



SKCET

NEW FACULTY ORIENTATION TRAINING PROGRAMME

DAY 2

Session 1: Introduction to NBA

Dr.N.Susila, Head of the Department, IT addressed the participants on the essentials of NBA Accreditation. She elaborated on the meticulous methods we follow in CO, PO and PSO to achieve good results.



Session 2: Outcome Based Education (OBE)

Dr.S.Balakrishnan, Head of the Department, CSBS introduced the key components of OBE and its benefits. He stressed on how to be 'Learner Centric' and enriched the faculty in innovative Teaching-Learning Process. He also conducted a survey to help participating faculty identify their learning potentials to aid their teaching skills.



Session 3: Faculty Ethics and Motivation

Dr.K.Sasikala, Head of the Department, CSE imparted knowledge and understanding of work ethics followed at SKCET. She motivated the faculty to be exemplary and approachable teachers.



DAY 2



Session: R&D-Publications

Dr.S.Sheeba Rani, Associate Professor, EEE dispensed R&D figures of merits, action plan for the faculty to contribute towards Scopus and WoS journals. She also shared the helpful tips in measuring academic footprint and related citation metrics.

Session: R&D-Proposals

Dr.C.Samson Jerald Samuel, Associate Professor, Mechanical Engineering walked the faculty through the process of applying for grants and patents. He insisted all the faculty members to vibrantly contribute to the development of R&D through innovative proposals and patents.



Session: Diversity of Students and Motivation

Dr.S.Sophia, Head of the Department, ECE discussed about the characteristics of the current generation of GenZ students. She revealed the ways in which faculty members can mentor the students and set an example. She also motivated the faculty to foster and hone the skills of the students to create ingenious engineers.



R&D

CSI COMMUNICATIONS MAGAZINE SHOWCASES COVER STORY
BY SKCET PROFESSORS

COVER STORY



Symbiotic Transformational Technology on the rise: Artificial Intelligence in Emotional Intelligence

Dr. S. Balakrishnan
Professor, Dept. of CS and Engg., Sri Krishna College of Engg. and Tech., Coimbatore, Tamilnadu, India.

Dr. J. Janet
Principal, Sri Krishna College of Engg. and Technology, Coimbatore, Tamilnadu, India.

Dr. S. Sheeba Rani
Associate Professor, Dept. of Electrical and Electronics Engg., Sri Krishna College of Engg. and Tech., Coimbatore, Tamilnadu, India.

Emotions and Intelligence are allied spectacles and hence veritable intelligent agents are modelled taking into account the emotional quotient. Research and development in artificial intelligence have imbibed emotional intelligence as an important focus theme to scan across real-life disciplines. Noteworthy key-ns have been incorporated to evolve fresh imminent across the sphere of emotional intelligence and algorithms which deploy intelligent software decisions. Agents who delve into teaching-learning process are very alluring for merging emotional facets in artificial intelligence. It is an incredible fact that Emotions play an imperative component in intelligent behaviour and persuade the human judgment-making process. This research insight article focuses on the synoptic sketch of the state-of-the-art research highlights in emotional intelligence with prominence towards strategic features such as Emotion detection, Emotional agents, Text emotion detection and Modeling the setting of artificial and autonomous task agents.



About the Authors



Dr. S. Balakrishnan (CSI Membership No. 2060000034) is a Professor at Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu, India. He has 17 years of experience in teaching, research and administration. He has published over 15 books, 3 Book Chapters, 11 Technical articles in CSI Communications Magazine, 1 article in Electronics for You (EFY) magazine, 3 articles in Open Source for You Magazine and over 100 publications in highly cited Journals and Conferences. Some of his professional awards include: 100 Inspiring Authors of India, Deloitte Innovation Award, Cash Prize ₹ 10,000/- from Deloitte for Smart India Hackathon 2018, Patent Published Award, Impactful Author of the Year 2017-18. His research interests are Artificial Intelligence, Cloud Computing and IoT. He has delivered several guest lectures, seminars and chaired a session for various Conferences. He is serving as a Reviewer and Editorial Board Member of many reputed Journals and acted as Session chair and Technical Program Committee member of National conferences and International Conferences at Vietnam, China, America and Bangkok. He has published more than 6 Patents on IoT Applications.



Dr. J. Janet is working as a Principal of Sri Krishna College of Engineering and Technology and active member of CSI. Her specialization is Knowledge Based Systems. She has produced 13 doctorates so far and presently guiding 4 Ph.D. research scholars. She has published over 100 papers in International refereed journals and has 176 Google Scholar citations with h-index 8 and i10-index 7. Dr. J. Janet has executed several research projects to the tune of ₹ 60 Lakhs with funding from various national agencies including DST and AICTE-TAPTEC in the areas of Artificial Intelligence and Cloud Computing. She has mentored several research projects under UGC-MRP and DST-CSRI schemes in her previous tenure. She has conducted several seminars, workshops and conferences with seminar grant from DST, TNSCST, NCSTC and DBT.



Dr. S. Sheeba Rani is an Associate Professor in Department of EEE at Sri Krishna College of Engineering and Technology, Coimbatore. She has completed her Undergraduate studies in Instrumentation and Control Engineering and Post Graduate Studies in Embedded System Technologies from College of Engineering, Anna University, Chennai and additionally Masters in Business Administration in Human Resources Management from Madras University. She has received her Ph.D. in Engineering Education from NITTTR, Chennai. With 15 years of academic experience in premier Institutions of Tamilnadu, she has authored more than 50 scientific publications in premier indexed journals, books and patents. Her research interests are in the field of Outcome based education, Embedded Instrumentation and Medical Electronics. She is a professional body member of IACSIT, IAENG and ISTE.

- The research article titled **“Symbiotic Transformational Technology on the rise:Artificial Intelligence in Emotional Intelligence”** authored by **Dr.S.Balakrishnan**, HoD, Professor, Department of Computer Science and Business Systems, **Dr.J.Janet** , Principal,SKCET and **Dr.S.Sheeba Rani**, Associate Professor, EEE is published as Cover story in the June 2019 edition of “CSI Communications” Magazine.
- It is the national journal & magazine of **Computer Society of India** with circulation of **151,000** all over India and abroad.
- Earlier, CSI Communications had showcased **more than 12 articles** of SKCET's research innovations in its past issues in 2018-19.

SOM

BOS



7th Board of Studies (**BoS**) meeting for the School of Management was held on 4.6.2019. Dr. K.Nagarajan, HoD, SoM convened the meeting. Dr.P.Vikkraman, Associate Professor, Anna University was the University nominee. Dr.N.Thamaraiselvan, Professor, NIT and Dr.A.Senthil Kumar, Assistant Professor (Sr.Gr.), Amrita School of Business were the external academic experts, Mr.Namasivayam, Manager Production, TTK Prestige Ltd, and Ms. Aiswarya S, Senior Group Leader – Human Resource – Access Healthcare were the Industrial experts and Ms.Nishalini K, Associate Human Resource Head, FACE was the Alumni member.

S&H

UGC THREE DAY TRAINING OF TEACHERS (TOT)

Dr.A.Indhuleka, Professor of Chemistry, attended UGC Three Day Training of Teachers (ToT) for Student Induction Program (SIP) during 16th – 18th May, 2019 at IIIT, Hyderabad. The purpose of this program is to educate the new entrants about the environment, institutional policies, processes, practices, culture and values. SIP encourages the students to acclimate with their new roles and responsibilities and it also covers a number of different aspects like Socializing, Associating Governing and Experience (SAGE).



Dr.Renu Batra, Additional Secretary, UGC,
New Delhi
Ms.Megha Kaushik, Education Officer, UGC, New
Delhi



Prof.Bhushan Patwardhan, Hon'ble Vice Chairman,
UGC, New Delhi;
Prof.P.Duraisamy, Hon'ble Vice Chancellor,
University of Madras;
Dr.G.Srinivas, Joint Secretary, UGC-SERO,
Hyderabad

MECH
INHOUSE FDP


In-house FDP on “Engineering Thermodynamics” was convened by **Dr.V.Karthikeyan**, Associate Professor and **Mr.R.Sivasubramanian**, Assistant Professor of Mechanical Department. Faculty members of Mechanical Department diligently attended the session and gained technical knowledge on principles of Thermodynamics and Refrigeration system.

EEE
FDP AT NIT, WARANGAL


Our department faculty members **Ms.N.Subha Lakshmi** and **Ms.A.Sruthi** have undergone Faculty Development Program at **NIT- Warangal** during their vacation period to enhance their technical knowledge on “Applications of Digital Signal Processing Techniques for Power Electronic Systems”. The faculty members have shared their knowledge and innovative technologies gained from the FDP with our department faculty members.

ECE

INHOUSE FDP



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Cordially invites you all
for
Faculty Development Programme
On
Antecedents of Management

Resource Person
Dr. P. Thamarai Selvi
Associate Professor- MBA/SKCET

Convenor
Dr. S. Sephia
Professor & Head- ECE/ SKCET

Faculty In Charge
Dr. S. Karthika
Assistant Professor - ECE/ SKCET

Date: 06.06.2019 Venue: MCA Seminar Hall Time: 09.00 am

About the Program:
Faculty Development Program which aims at facilitating the current and prospective teachers to strengthen their teaching skills in the contemporary and emerging areas of management. This program will also help the faculty to upgrade their knowledge in teaching methods.

For Whom?
The program is intended for current and prospective faculty members of SKCET Institutions



Topics to be covered:

- Knowing Self and Group
- Balancing Emotional Intelligence





Train the trainer program on “**Antecedents of Management**” was organized by the Department of ECE. The sessions were handled by **Dr. P. Thamarai Selvi**, Associate Professor, SoM. The sessions focused on activity based classroom teaching, effective classroom management and solving questionnaire on emotional intelligence to understand the clear frame of individuals.

WARM WELCOME NOTE!



**Best Wishes
for New
Academic Year**