NEWS LETTER
TECHNO PHILIA
COMPUTER SCIENCE AND ENGINEERING

WE CREATE, WE STIMULATE, WE EMULATE

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Contents

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KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

VINJANAMPADU, VATTICHERUKURU MANDAL,

GUNTUR, ANDHRA PRADESH 522017

The KKR & KSR Institute of Technology and Sciences was established computer science engineering stream in the year of 2008. The Department of Computer Science and Engineering educates knowledge of computer and it's engineering. Almost all fields are computerized to have an ease of handling the problems of designing, manufacturing, maintenance, servicing, researching, marketing and accounting. The B.Tech computer engineering program includes computer operations on different languages, data generation, collection and utilization of information. The Department is implementing OBE based education.

Vision

❖ To become a reputed center in computer Science and systems engineering for quality, competency and social responsibility

Mission

❖ Providing a strong theoretical and practical education in a congenial environment.

❖ Providing additional skills and training to meet the current needs of the industry.

❖ Inculcating ethical values to meet the challenges of life with courage and confidence.

Department Achievements

Staff Achievements

3-Day Faculty Development Program on

Quality Sustainability and Quality Enhancement Strategy

2nd July, 2020 to 4th July, 2020

Jointly Organized by APSCHE and KITS IQAC

Objective of the Event

This program is meant to provide awareness on "**Quality Sustainability and Quality Enhancement Strategy"** among teaching fraternity and thereby help them to impart qualitative engineering education to the students.

Team Members of FDP:

Shri Koyi Subbarao, Chief Parton, Chairman

Shri Koyi Shekar, Chief Parton, Secretary

Dr. P. Babu, Parton, Principal

Dr. K Hari Babu, Parton, Academic Director

Dr. M S S Sai, IQAC Coordinator, Dept. of CSE

About the Program/Event:

The central theme of the event is Creating awareness among the faculty members in the following aspects

- What is Quality of Education ?
- How to maintain the Quality in Education?
- How to enhance the Quality in Education ?

Details of Resource Persons:

Resource Person for Day- 1 (02.07.2020):

Key Note Speaker :

Name: Prof. K Ram Mohan Rao

Designation: Vice-Chairman, Andhra Pradesh State Council of Higher Education
Andhra Pradesh

Topic : "**Quality Sustainability and Quality Enhancement Strategy**"

Resource Person for Day- 2 (03.07.2020)

Name: Mr. G Mathew Srirangam

Designation: Academic Officer, Assurance Cell, Andhra Pradesh State Council of
Higher Education, Andhra.Pradesh

Topic : "**Internal Quality Assurance Cell (IQAC)**"

Person -3:

Name: Dr. G Srinivasa Rao

Designation: Expert in Quality Assessment and Accreditation ,IQAC coordinator ,
Reader in Physics, Andhra Loyola College, Vijayawada.

Topic : **"Annual Quality Assurance Report(AQAR)"**

No. of Faculty Participated : Total 862 including 166 doctorates comprising of
participants from within and out of the state of AP including 450 participants from
various states of Assam, west Bengal , Bihar, Madhya Pradesh , Uttar Pradesh, Tamil
Nadu, Karnataka, Delhi etc.

Event Photographs

KITS

Andhra Pradesh State Council of Higher Education
&
KKR & KSR Institute of Technology & Sciences
IQAC

Jointly organize

3 Day's Faculty Develpment Program
on
Quality Sustainability and Quality enhancement strategy

02.07.2020 to 04.07.2020

10 : 30 A.M to 12 : 00 Noon

REGISTER FOR FREE AT :
https://tinyurl.com/kitsweb

SPEAKERS

Prof. K. Rama Mohan Rao
Vice-Chairman
APSCHE, AP.

G. Mathew Srirangam
Academic Officer, Quality Assurance Cell,
APSCHE, AP.

Dr. G. Srinivasa Rao
Expert in Quality Assessment and Accreditation

STEERING COMMITTEE

Chief Patrons

Shri. Koyi Subba Rao
Chairman

Shri. Koyi Shekar
Secretary

Patrons

Dr. P. Babu
Principal

Dr. K. Hari Babu
Academic Director

Co-Ordinator

Dr.M.S.S.Sai
IQAC Coordinator,
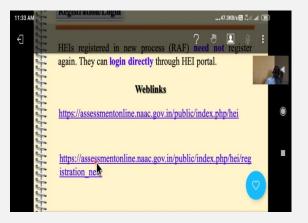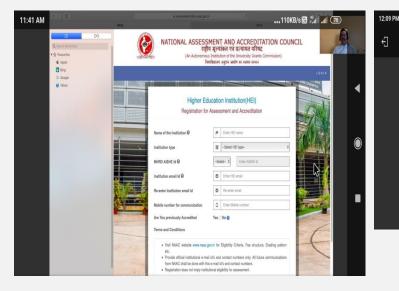Professor,
Department of CSE

Contact details :
9440481313 (What's app)
msssai@gmail.com

* E- Certificate will be provided for the participants after submitting the feedback form

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Areas of Focus: Part-A

5. **Accreditation Details**

7.1 **Quality initiatives** by IQAC during the year for promoting quality culture

10. Number of **IQAC meetings** held during the year

   The minutes and compliances to the decisions have been uploaded on the institutional website

13. **Plan of action** chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the year

17. **Management Information System** (brief description and list of modules currently operational)

Areas of Focus: Part-B

2.7.1 **Student Satisfaction Survey** (SSS)

3.4.5 **Bibliometrics** of the publications based on average citation index

3.4.6 **h-Index** of the Institutional Publications

3.5.1 **Revenue generated** from Consultancy

3.7.3 **MoUs signed**

4.2.3 **E-content** developed by teachers

5.2.2 **Student progression** to higher education

Registration/Login

HEIs registered in new process (RAF) **need not** register again. They can **login directly** through HEI portal.

Weblinks

https://assessmentonline.naac.gov.in/public/index.php/hei

https://assessmentonline.naac.gov.in/public/index.php/hei/registration_new

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्
(An Autonomous Institution of the University Grants Commission)
विश्वविद्यालय अनुदान आयोग का स्वायत संस्थान

LOGIN

Higher Education Institution(HEI)
Registration for Assessment and Accreditation

Name of the Institution — Enter HEI name

Institution type — --Select HEI type--

MHRD AISHE Id — --Select-- Enter AISHE Id

Institution email Id — Enter HEI email

Re-enter Institution email Id — Re-enter email

Mobile number for communication — Enter Mobile number

Are You previously Accredited — Yes No

Terms and Conditions

- Visit NAAC website www.naac.gov.in for Eligibility Criteria, Fee structure, Grading pattern etc.
- Provide official institutional e-mail id's and contact numbers only. All future communications from NAAC shall be done with this e-mail id's and contact numbers.
- Registration does not imply institutional eligibility for assessment.

Title	Date of publication		Follow up(max 100 words)
		No Data Entered/Not Applicable	

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
		No Data Entered/Not Applicable !!!	

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

No Data Entered/Not Applicable !!!

7.2 - Best Practices

7.2.1 – Describe at least two institutional best practices

No Data Entered/Not Applicable !!!

7.3 - Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

No data entered !!!

8.Future Plans of Actions for Next Academic Year

No data entered!!!

To meet the ever-demanding prerequisites of the knowledge industry, Faculty development programs (FDP) have always been an effective tool to enrich teaching and research competencies of educationists. For this a 5 day faculty development program was conducted by the Department of Computer Science and Engineering, KKR & KSR Institute of Technology and Sciences on Data Handling and Data Visualization using Python in association with the resource person Dr. B. Nagaraju from NIT Nagaland in virtual mode. Faculty members from various Engineering colleges, universities, industry persons, researchers through the nation were participated. The main objective of this FDP is to introduce the data science concepts like data collection, data preprocessing, data modeling, data visualization, data interpretation. It covered an overview on data analysis and its applications with real time examples. The participants obtained deep insights of data science, which in turn would help them apply the same in practice or as a foundation to a deeper study in this area and also helpful for their research. Both industrials and academicians enhance their knowledge through practical sessions. On first day of session theory concepts were discussed, next 4 days the sessions are organized in practical manner. The expert also discussed the Growth opportunities as data scientists in this technology.

Co-Ordinators: Smt. PGK. Sirisha, Associate Professor, Dept. of CSE

Smt. Ch. Jhansi Rani, Assist Professor, Dept. of CSE

Convener:

Prof R. Rames HOD , Dept. of CSE

About the Program/Event: It is a 5 day Faculty Development Program (FDP) on **"Data Handling and Data Visualization"** Organized by Dept. of Computer Science and Engineering for faculty from various engineering colleges, universities, researchers, and industries throughout the nation at KKR& KSR Institute of Technology & Sciences.
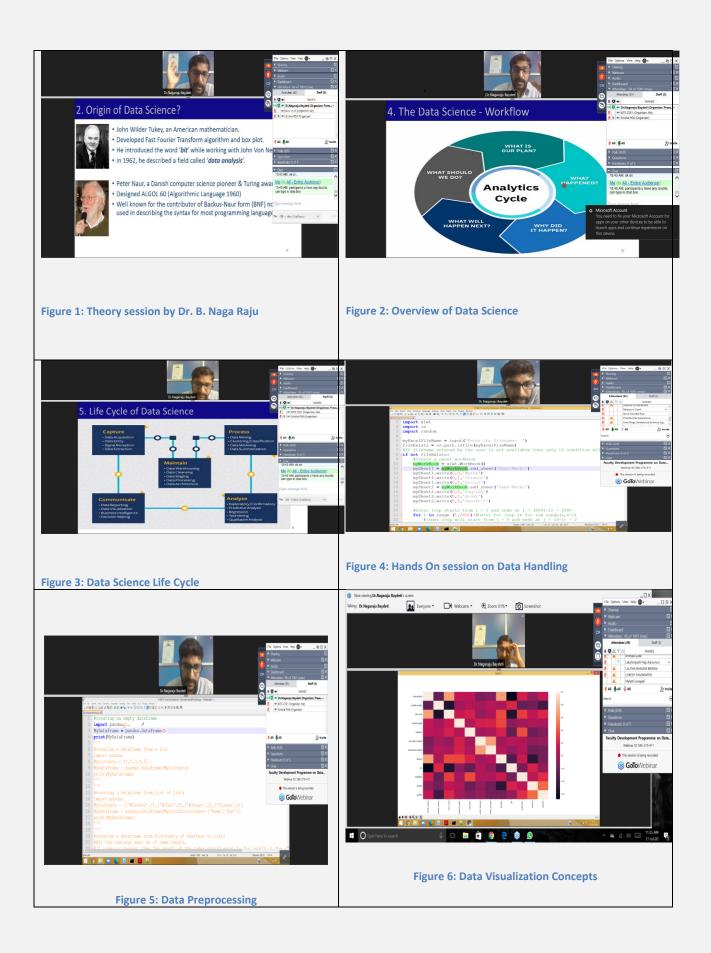
Details of Resource Person:

Name: Dr. Baydeti Nagaraju

Designation: Asst. Professor from NIT Nagaland

Event Photographs

Figure 1: Theory session by Dr. B. Naga Raju

Figure 2: Overview of Data Science

Figure 3: Data Science Life Cycle

Figure 4: Hands On session on Data Handling

Figure 5: Data Preprocessing

Figure 6: Data Visualization Concepts

It is a 5 day FDP on Data Handling and Data Visualization using python. Each session is held in smooth manner. Every lecture is very informative with clear explanation through practical by the resource person. Which are very interactive and the resource person clary the doubts of participants in clear manner. This is a great platform to enhance the knowledge towards the data science technology. Every day feedback is taken from the participants and session videos are sent to the participants for further reference.

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MHRD- IIC Webinar on Blockchain Technology and its Applications

Conducted by Department of Computer Sceince and Engineering

Objective of the Event: Objective of the event is to provide the basic knowledge and insight on latest technology Blockchain and motivate the young minds to solve the problems related to various domains of the society using Blockchain Technology.

About the Program/Event: 3 hours webinar on Blockchain Technology and its Applications for CSE students of various colleges organized by the Department of CSE at KKR & KSR Institute of Technology & Science in association with Cluster IT Solutions PVT Ltd.

Details of External Participants: 142

Details of Resource Person1 :

Name: B Sunil Kumar

Address: Cluster IT Solutions PVT. Ltd., Hyderabad

Designation: Chief Operational officer, Cluster IT Solutions PVT. Ltd., Hyderabad

This webinar was organized very well and I have learned the many points from this session, earlier i don't know about block chain technology but now I got the overall concept.

Event Photographs

Blockchain Technology has emerged as high-performance computing to create a permanent, public, transparent ledger system for compiling data on sales, tracking digital use and payments to content creators, such as wireless users or musicians. Students got motivated towards latest technology learning and its applications, with this basic knowledge and motivation they can apply it for better carrier and for better society

A webinar on Industry 4.0