Report

Interactive Workshop on "Planning for NAAC Accreditation"

In order to achieve quality consent as per the guidelines of UGC, every recognized university has to get accredited by the NAAC.It is in this context, that to create awareness among the teaching and non-teaching staff the IQAC has organized a workshop on "Planning for NAAC Accreditation"

The prime objectives of the lecture were; a)To create awareness and orient participants about the (NAAC) assessment and accreditation; b)To have an interactive discussion with an expert on various aspects of planning for NAAC assessment and accreditation.
During this session explained practical aspects of NAAC accreditation. Some of the key issues covered by D.P.O Bhagya Lakshmi.

1. Planning of human resource for preparing for NAAC
2. Planning for writing SSR, its writing style and significance
3. Planning for presenting the strengths and weaknesses of the institution
4. Planning for data collection and its management
5. Planning for presenting institutional best practices in a proper context
6. Planning for understanding the limitations of the institutions and the possible opportunities.

"An Introduction to Cycle of NAAC Accreditation" was mainly organized with the aim to; 1. Create awareness of fundamental steps to be taken for the first NAAC accreditation; 2. Have an interactive discussion with an expert on a range of issues related to the practical challenges during the first NAAC accreditation

Photo 1: D.P.O Bhagya Lakshmi while delivering his presentation

Photo 2 Dignitaries during an inaugural session

Photo 3: Participants during the interactive session

Photo 4: vote of thanks by P.Krishna Kumari Vice Principal

In an open session wherein extensive discussion with the expert was completed participants were raised many important questions and answers were given by the expert. In all, around 50 participants participated in the focused workshop.

She has broadly narrated the following fundamental aspects to be related to the cycle of NAAC. 1. How to register for IIQA and its importance and necessary documents to be required for IIQA submission; 2. The seven criteria and the sub metrics; scores and the significance of all criteria; 3. Finally, She has also shared her personal experiences of an on-site visit by the experts and the necessary precautions to be taken during the visit.

The session was over with a vote of thanks extended by the vice principal to the participants and the resource person.

Report

Atmanirbhar Bharat Unleashing power of commerce in Digital Era

This is 5 day FDP programme on the theme of **Atmanirbhar Bharat** Unleashing power of commerce in Digital Era by CCE on 20-07-2020 to 24-07-2020
From Make in India to Make for the World Encouraging local capacity building Promoting Startups/Entrepreneurship Increasing Value addition in India Bringing down the import bill by producing and adopting quality local products .
India and Self-reliance its Success Stories
Atma Nirbharta in Pandemic is Aarogya Setu.Spreading awareness about COVID 19, Helping in self-diagnosing users, Store and display e-pass, Trace contacts
While Government Policies and Tariffs are expected to provide fillip to Manufacturing Sector, Digitization and Innovation can prove to be the differentiator in creating a technology-driven Atmanirbhar Bharat. Digitization to develop solutions across multiple industry verticals and ecosystems.
The Indian Government recently added Drones, robotics and electric vehicle components in its Atma Nirbharta plan.
Atma Nirbhar Krishi: Promoting Integrated Farming,Digitization providing the extra hand to Farmers
Advanced Use Cases Digitization in Healthcare has enormous opportunities across Use of DR (Digital Reality) to help physicians in advanced diagnosis Use of AI and Robotics in for remote surgeries Use of VR in Therapy and Training
Navigating through the Pandemic: EdTech Penetration into Bharat Gained ground beyond India's top 10 cities. Adoption increased in smaller cities – for educational institutes Edtech startups from non-metro locations like Bhopal, Kochi, Surat, Chandigarh, and Ahmedabad scaled up and secured funding in H1 2020.
.Learning never stops.
In this FDP three teaching staff participated . Participants certificates were listed below

<u>Report</u>

<u>Interactive program on "COMMUNITY SERVICE PROJECT"</u>

……Experiential learning through community engagement

Community Service Project is an experiential learning strategy that integrates meaningful community service with instruction, participation, learning and community development Community Service Project involves students in community development and service activities and applies the experience to personal and academic development. The Community Service Project is meant to link the community with the college for mutual benefit. The community will be benefited with the focused contribution of the college students for the village/ local development. The college finds an opportunity to develop social sensibility and responsibility among students and also emerge as a socially responsible institution.

An FDP Programme was conducted on Community Service Project on 17-02-2023.During this session **Prof.N A D Paul, Resource person discussed key** issues which gave Awareness on Community Service Project.Principal M.Simhadri Naidu presided over the programme Computers,Physics and electronics Hod D.Santhosh Kumar, IQAC Coordinator & Chemistry Hod P.Krishna Kumari,M.Swarajya Lakshmi, Hod of Library Sciences,Zoology Hod Dr A.Archana and other faculty members attended the programme.

Report

Interactive program on"**Seminar on science Disaster Management**"

Unless we announce disasters, no-one will listen.

A disaster is defined as a disruption on a massive scale, either natural or man-made, occurring in short or long periods. Disasters can lead to human, material, economic or environmental hardships, which can be beyond the bearable capacity of the affected society. As per statistics, India as a whole is vulnerable to 30 different types of disasters that will affect the economic, social, and human development potential to such an extent that it will have long-term effects on productivity and macro-economic performance
On this session one of the personalities gave a session on called as

ADVISORY COMMITTEE .namely

Prof.S.Ramakrishna Rao,Former VC,Krishna University.

Prof.K.Niranjan,Former Registrar,Andhra University.

Dr.N.Srinivasa Rajamani,city project coordinator.

Prof. E.U.B.Reddi,Andhra University.

Prof.Bala Prasad,Andhra University

The above programme is conducted on 23rd and 24th ,2019.

Report

Technology oriented programme " TRAINING ON ICT ".

"Technology is best when it brings people together."

"Role of Information and Communication Technology (ICT) .The Training Course on Measuring ICT Access and Use in Households and Businesses aimed at improving the capacity of official data producers in anyu countries to produce internationally comparable statistics on ICT access and use in households and by individuals, ICT use by businesses, the ICT sector, and international trade in ICT goods.The Training Course was designed for the staff.This gave an opportunity for the trainer

to emphasize the importance of collaboration among policy makers and statisticians, and the aspects that both need to take into account when developing harmonized ICT statistics.
To enable teachers to become competent in innovatively employing the tools of technology to supplement their traditional teaching methods and thereby achieve enhanced student learning.

To enhance ICT literacy and confidence among teachers,
To provide an overview and understanding of educational policies explicitly dealing with ICTintegration;Give an insight on a series of ICT tools that implicitly support creative learning and innovative teaching; this would improve participants' awareness
of the potential of ICT to enhance teaching and learning across the curriculum.
To enhance participants' information literacy, Internet research skills and presentation skill

Dr S.Srinivasa Rao, Associate Professor participated in this training programme conducted on **19/11/2018 to 24/11/2018.**

Report

Refresher Course Human Rights

This refresher course was conducted on 04/12/2019 to 17/12/2019. Participated by S. Ambedkar Raju,B.Santhi,Dr.A.Suribabu.

Human rights education is essential for creating a culture of human rights — that is, societies in which each of us is encouraged and empowered to take the initiative to respect, protect and promote the full spectrum of human rights for all. The Seminar convened : Human Rights Education in School Systems . Equal Access to Human Rights Education. Human Rights Education & Learning Beyond the Classroom. Human Rights Education & Professional Training

Learning in, for and about human rights is addressed in a variety of ways; in school curricula, in institutions of higher education, by civil society organizations, national human rights institutions and by governments and associations of professionals that have a duty to respect, protect or fulfill human rights. Participants expressed the view that in order to build on the momentum of this global/regional human rights education movement, it is important to invest in the human rights education infrastructure. This includes; 1) Investing in strengthening support for educators, trainers, university instructors and all those others who facilitate learning about human rights; 2) Investing in ensuring more coordination and coherence in legal and policy frameworks and guidance for actors involved in human rights education; 3) Investing in sharing good practices and lessons learned; and, 4) Last but not least, investing in research and evaluation in order to develop educational practices and create the necessary evidence-base for showing the impact of human rights education. It was also noted that democratic space is crucial for human rights education and training to be fully embedded i
to society

<u>Report</u>

<u>Faculty Development Programme in LMS Video and Pedagogy</u>

In this FDP programme participated by S. Ambedkar Raju,Dr S.Srinivasa Rao on 03/08/2020 to 07/08/2020.

Pedagogy refers to the theory and practice of learning. It inculcates the knowledge and skills required for effective teaching. In the present times, the teacher bears the responsibility of being a provider of resources and one who can ignite young minds. Pedagogy has to be altered constantly to adapt with the contemporary requirements. Effective teaching strategies need to be devised and implemented that take care of multiple learning styles to benefit the student fraternity. The minds of the students have to be shaped to capacitate them to develop a problem-solving approach and to bring out innovations to address societal issues. The teachers hence need to be well equipped with skills and knowledge required for guiding and monitoring their progress. Technology has also proved to be an immensely supportive tool in the hands of the teacher that can assist in enhanced teaching learning, increasing student participation and. The Faculty Development Programme on "Advanced Pedagogical Techniques" was organized by the Teaching Learning Centre

The following themes are interacted • Teaching-learning models • The Science Behind Art of Presenting • Innovative Pedagogical Techniques and Blooms' Taxonomy • Outcome Based Education and Curriculum Design • Creating Interactive Lessons.

The session discussed the different methods involved in developing pedagogies for the world where knowledge is equivalent to understanding, building up, destabilizing and reconstructing new dimensions. Overall, the objective of the session was to introduce the participants with a larger pool of teaching methods.

Report

"Technological Tools & Platforms for Effective Online
Teaching, Learning & Evaluation"

On 22--06-2021 FDP S. Ambedkar Raju And Dr C. Mamatha participated in this programme To create

- Video conferencing software. ...
- Virtual learning environment (VLE) ...
- Learning management system (LMS) ...
- E-learning authoring platform.

Teachers and students appeared to be in agreement on their perceptions on E-learning and provided higher ratings on E-Learning based on the five criteria of effectiveness. E-Learning was viewed favorably by teachers and students as an effective tool to enhance the delivery of instruction and develop knowledge acquisition skills through transfer of learning.

E-Learning could potentially shape the future of education by advancing the traditional classroom setting into the web. There is a need for the entire academic community to ensure that the factors of e-learning effectiveness are delivered adequately and the utilization of e-learning must be evaluated regularly.

Teaching strategy generally refers to the methods used by an instructor during the teaching process to achieve the lesson outcomes. Famous teaching strategies used during traditional face-to-face learning include lecture, case method, discussion, cooperative learning (small group), brainstorming, and active learning. Since the new way of teaching in higher education institutions is via an online learning platform, it is essential to understand the benefits and challenges of the teaching strategies employed by university lecturers during online teaching. Several authors have indicated that students assimilate information and learn more effectively via online learning than traditional face-to-face learning (Coman et al., 2020; Navarro & Shoemaker, 2000). Similarly, Burac, Fernandez, Cruz, and Cruz (2019) revealed that teachers attested to the potential benefits of online learning to enhance the educational

Report

National Webinar OnApplications Of Mathematics and Statistics IQAC

The Dept of Mathematics has organized a workshop on National Webinar OnApplications Of Mathematics and Statistics IQAC participated by D.Santhosh Kumar,M.Swarajya Lakshmi on 13-06-2020 to 14-06-2020 The theme of this workshop was to equip the Faculty of Mathematics to prepare Interactive Teaching Modules in Analytical Solid Geometry.

The interaction session was really good. Participants actively participate in both the sessions. Queries from the participants were answered by the resource person in both sessions. Both the sessions were really informative and helpful for the participants. Massive complex data is getting generated in the recent decades in different fields including in medical, financial, meteorological, and industrial sectors. This has led to a new discipline called data science, which is considered as a combination of Statistics and computer science in dealing complex data. Given the growing interest of researchers from different disciplines in knowing what data science can offer to them, and in knowing what is the role of Statistics in data science, and given the increasing importance of sample size determination in medical and biological sciences.

In this interactive session how IQAC work plays a key role in mathematics and statistics .

<u>Report</u>

Faculty Development Programme for JKC Coordinator/Placement Officers.

 In this programme Dr N. Ramakrishna participated on 27-12-2019.

The Faculty Development Programme (FDP) intends to provide financial assistance to facilitate up-gradation of knowledge, skill and intends to provide opportunities for induction training to teachers employed in disciplines Engineering & Technology, Pharmacy, Hotel Management & Catering Technology, Architecture, Town Planning and Applied Arts & Crafts.

A Faculty Development Programme (FDP) to cover areas such as technical education policy, new concepts, methods and techniques, theory and skills development and up gradation of pedagogy educational technology, motivation, communication skills, management and other relevant issues to keep pace with the changing scenario in Technical Education.

The scheme is designed to enhance the teaching and other skills of the faculty. And to make them aware about modern teaching tools and methodologies. It provide an opportunity to acquire knowledge about current technological developments in relevant fields. It will not only promote the professional practices relevant to technical education but also motivates the faculty to achieve competitive teaching and learning environment, thus channelizing development with respect to academic qualifications and personal matters.They trained well related to placements and to improvement of communication in students by making them to attend the interviews

<u>Report</u>

Webinar on Role of Biological Clock in Health and Disease

In this programme Dr C. Mamatha,Associate Professor participated on 10-08-2020.rhythms in physiology and behavior are organized by a central "master" clock, the suprachiasmatic nucleus (SCN) located in the anterior hypothalamus, that coordinates alignment between external synchronizing agents with circadian clocks in other brain regions, as well as in peripheral tissues. Circadian rhythms are modulated by endogenous (genetic, physiological) as well as environmental (light) and behavioral (activity, feeding) factors. In this Review, we use "circadian disruption" as a nonspecific umbrella term to describe a disturbance, dysregulation, or problem that negatively affects circadian function, but as Vetter has pointed out, there is a need for clearer terminology and quantification of circadian disruption . It is becoming increasingly clear that circadian disruption in humans can result in broad and significant consequences for mental and physical health Furthermore, changes in circadian function are often accompanied by sleep-wake disturbances, which also contribute to poor health outcomes. The interrelationship between circadian rhythms and human disease can create a vicious cycle between disease expression and circadian disruption, as exemplified in immunologic cardiometabolic , neurodegenerative, and psychiatric disorders.

The public health will get implications of circadian disruption.they used an evidence-based "**bench-to-bedside**" approach, applying research in circadian disruption to the risk for, and therapeutics for, some of the most prevalent and pressing human diseases.

Circadian disruption is common in neurologic disorders, affecting the development, psychiatric disease,mood disorders,expression, and severity of disease. They Considering the strong association of obesity with *Clock* mutation in mice, it is not surprising that *CLOCK* gene variants.

Report

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E-Library A Futuristic Design of Knowledge

In this programme M. Swarajya Lakshmi, Assistant Professor participated on 06-05-2020. Online Library Management System is a system which maintains the information about the books present in the library, their authors, the members of library to whom books are issued, library staff and all. This is very difficult to organize manually. Maintenance of all this information manually is a very complex task. Owing to the advancement of technology, organization of an Online Library becomes much simpler. The Online Library Management has been designed to computerize and automate the operations performed over the information about the members, book issues and returns and all other operations. This computerization of the library helps in many instances of its maintenance. It reduces the workload of management as most of the manual work done is reduced.

The aims and objectives are as follows: Online book reading. A search column to search availability of books. Facility to download required books. Video tutorial for students. An Admin login page where admin can add books, videos or page sources Open link for Learning Websites.

E-Library Management System is an application which refers to library systems which are generally small or medium in size. It is used by librarians to manage the library using a computerized system where he/she can add new books, videos and Page sources. Books and student maintenance modules are also included in this system which would keep track of the students using the library and also a detailed description about the books a library contains. With this computerized system there will be no loss of book record or member record which generally happens when a non computerized system is used.

Report

Information on search and Dissemination

"A text is not a text unless it hides from the first comer, from the first glance, the law of its composition and the rules of its game."

In real life, titles are essential in drawing public attention to anything. Would you rather watch a movie with a boring name or pick a film with a short, witty title? The same goes for books, essays, and other scholarly work. The word becomes an anchor, something that pushes a random person to read your written piece. Here is how you properly compose it.

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