

# ANNUAL REPORT (2015-2016)

## Academic Staff College



## VIT University, Vellore



## 1. Introduction

This year, 2015-2016 saw Faculty members had evinced interest in different areas. Resourceful Instructions of engineering, Psychology for teachers, Technology for teachers, Technical tools for teachers, Alternative teaching method, Managerial Skills for teachers. **211** programs saw an audience number of **4728**.

## 2. Faculty Orientation Program (FOP)

This year's FOP was scheduled from **3rd June to 30th June 2016** for **84** participants. **40** titles, **2** industrial visits, **1** outbound activity and **a** movie marked the success of the program.

Our Honorable Chancellor, Vice President and Vice Chancellor graced the inaugural ceremony. The vision of taking VIT to the Top 200 Global Universities List was seeded in the minds of the new faculty. Training programs were structured to envision this dream.

Some of the titles deliberated in this academic year's FOP are:

Quality Research, Industry Associations and funded projects. The challenges of understanding young people and dealing with them, Project based learning, Pod casting and FM Radio, Ranking and accreditation of VIT, and Filing patents in an academic setting.

Industry- Institute Interaction by Mr.Subramanian, Cognizant, Chennai opened up newer areas of approach. Industrial visit to KRAMSKI Stamping and Molding India Pvt Ltd., and to KOSTAL created space for more deliberations and discussions amongst the new joiners. They enjoyed the company of each other too.

Outcome based Learning Process by Dr.Edamana Prasad from IIT Madras was very resourceful while, Dealing with the new generation and non- instructional education by the counselling team was very relevant and purposeful.

Sharing expectations in the teaching learning process by Dr. Vincent H Wilson and Mastering vocabulary and Grammar by Dr.Sivanagaiah encouraged the new faculty.

HOTS by Brahadeeswaran and Brain based learning by Dr. Jayaprakash Jala had an impacted on the audience. The session on Time management, confidence building and self esteem by Dr.Jeremy Sunderraj was through out hilarious and thoughtful. Many insights were shared in a lighter vein.

The outbound program on Leadership Development by the Wilder Trail Pvt Limited to Yelagiri was an eye-opener and many faculty were stuck with awe with the arrangements made. The participation was holistic and whole hearted.

The session on Generation Y: Learning Styles using multiple intelligences for learning excellence by Prof Samuel Johnson was received with delight. Technology for fine tuning teaching –learning process by Dr. Janarthanan stressed the need for faculty to imbibe technology for better classrooms. Dr. Subrahmanian from IIT Madras spoke on challenges, Opportunities and adoptive techniques in teaching made that day's session well sought by the faculty.

Effective presentations and 3 D designs by Dr.Rajasekharababu followed by Industry Associations and funded Projects by Dr.Alex enthused the faculty all the more.

Technology for classrooms by Dr.Lydia and Quality Research in Academics by Dr. Padmanabhan K further kindled the enthusiasm of the faculty. The titles Tips for 21st Century by Dr.P.K.Suresh, Energy and enthusiasm in Teachers by Dr.Vijayalakshmi and Dr.J.Karthikeyan's Body Language were received with great prophecy. The final day started with session objectives and session plans. The afternoon session on Creating an Institute of Excellence by the Revered Vice Chancellor was received with great reverence.

The ASC flagship program was well received by the faculty. The valedictory function was held on the 30th of June 2016. Our Chancellor and Vice Chancellor reiterated the vision of VIT and were very happy to interact with the faculty.

### **3. Regular Faculty Development Program**

#### **3.1 FDP on Statistics and applications using SPSS**

The workshop titled Statistics and applications using SPSS was conducted on 01-02 July 2015 by Dr B. Ravikumar, VIT, Vellore. **58** faculty members participated in the program.

The objectives of the program:

- i. Hands on experience in analyzing and interpreting data with appropriate statistical tools and techniques using SPSS software.
- ii. Basics and multivariate methods in research
- iii. Design the study to collect data for analysis, and the issues involved in coding, editing, analyzing and reporting research data.

The trend is invested in data analysis and interpretation for utilization in various domains. Large data can be interpreted with the use of SPSS and the need for faculty to master the software. The hands-on was well received by the faculty and they realized the need to master the software.

#### **3.2FDP on Curriculum for Applied Learning**

The faculty development program titled Curriculum for Applied Learning is categorized under alternate teaching methodologies. Dean Academics, Dean SAS, team SAS and Jayaprakash ASC, VIT, Internal resource persons conducted the program on **21<sup>st</sup> July 2015** for **27** persons.

Dean Academics and Dean SAS initiated the session to the participants on the topic, Introduction to New Curriculum. Prof A. Sivakumar introduced the NEW CAL based syllabus for all Chemistry courses. Prof J.Senthil spoke on the interactive sessions on implementation of new system using digital tools.

Prof Vijayaraghavan delivered a talk on Introduction to innovative projects. Prof. S.Sasikumar discussed on conducting Chemistry practical sessions and evaluation. Dr. Jayaprakash Jala spoke on the ethics in teaching and evaluation. The participants shared their feedback.

### 3.3FDP on Tender Loving Care

The faculty development program titled, Tender Loving Care was categorized under psychology for teachers was conducted on the 14th July 2015 by Ms Koperundevi G from the Counselling Division, VIT, Vellore. 33 participants benefitted from the session.

Tender loving care or TLC is the work of providing treatment to an ailing person or attending to someone who needs attention. It an appreciative and affectionate feeling. Looking after someone gently and compassionately is also Tender Loving Care.

The students are under tremendous pressure and their emotional needs must be taken care of immediately. So the faculty were trained on this title. The participants also felt that some of their questions that they were hesitant to ask, were resolved. The faculty from SCSE appreciated the FDP and it was organized exclusively for them.

The resource person with his immense expertise was open to many of their queries and addressed them with patience and empathy.

### 3.4FDP on An interaction on UGC Schemes for Sponsored Research.

The interaction on UGC Schemes for Sponsored Research on the 17<sup>th</sup> July 2015, by Dr. Urmila Devi, Joint Secretary, UGC, New Delhi is categorized under multi- disciplinary research was attended by 105 participants.

Various schemes unknown to the faculty at the higher education level were brought to light.

One such is the major and minor funding scheme for the faculty by UGC for research funding.

The faculty research promotion schemes of the UGC offer research support to the University Science Faculties. It covers faculty at 3 different levels, over 300+ universities from several disciplines.

## Schemes

- Development of Colleges affiliated to State Universities.
- Minor Research Projects for College teachers.
- Seminar/Symposia/Conference etc.
- Construction of Women's Hostel (Special scheme)
- Award of Teacher Fellowship to College Teachers for doing M.Phil/Ph.D.
- Financial assistance to Teachers - Visually Handicapped (Blind)

The resource person shared several other schemes for the faculty, research scholars and the higher education institutions.

### 3.5 FDP on QS Rankings 2015 and Challenges for VIT

The faculty development program on “QS Rankings 2015 and Challenges for VIT” is 17<sup>th</sup> August 2015 by Dr Partha Sharathi Mallick, Dean SELECT, VIT and was categorized under Quality Assessment in Instruction. 46 participants benefitted from the program.

QS World University Rankings is an annual publication of university rankings by Quacquarelli Symonds (QS). 19 Indian institutes made it to top 200 with IIT Bombay leading at 33rd rank. Among private institutions, VIT has its position of prominence.

Various indicators and their weightage: Academic reputation (40 %), employer reputation (10%) citations per faculty (20%) faculty/student ratio (20%), International students (5%) and international staff ratio (5%). VIT is the first private University of India to get rank in three subjects in the first year itself.

### 3.6 FDP on How to set Question Papers for an Open book test

The faculty development program titled, How to set Question Papers for an Open book test, by Dr. Suresh P K, SBST, VIT, Vellore was conducted on the 24<sup>th</sup> September 2015. 36 participants were briefed about few terms that are to be used as question words, which would provoke the higher order thinking skill of a student. Towards the end of the session they were asked to frame questions that would help student to apply the knowledge gained by referring books, notes to answer the questions.

Many more titles were deliberated this year.

## 4. New Initiatives

Academic Staff College (ASC) has taken a major initiative of signing an MoU with an organization associated with the corporate world.

### **Industry-Academia Partnership Initiative through ICTACT (2015-2016)**



ASC, VIT Vellore and Information, Communication and Technology Academy of Tamilnadu have joined hands to work towards improving Quality of Academics through training for continuing Learning. After thorough discussion and planning, ICT Academy in association with Academic Staff College has agreed to conduct different Faculty Development Programs as mentioned below

- ✓ FDP on how to get Students Industry ready – Mr. Kumar Vembu, CEO, GoFrugal, Chennai ( 6<sup>th</sup> July 2015)
- ✓ A Workshop on Maximizing Academic Success – Ms. Vigneswari Abraham, Founder & CEO, 101 Degrees, Chennai. (19 August 2015)
- ✓ FDP on Role of Virtual reality in making learning better simple and easier – Dr. Mathiazhagan, CEO, High – Tech Software Solutions, Chennai. (16 September 2015)
- ✓ FDP on Emotional Intelligence – Mr. Dhakshinamoorthy, Trainer, ICT Academy of Tamilnadu (ICT ACT), Chennai. (30 October 2015)
- ✓ FDP on Developing Communication Skills to meet the 21<sup>st</sup> Century Needs – Mr. Dhakshinamoorthy, Trainer, ICT Academy of Tamilnadu (ICT ACT), Chennai. (30 October 2015)
- ✓ A Two day Workshop on Creative Thinking – ICTACT team (23 – 24 January 2016)
- ✓ A Two day Workshop on IBM Blue Mix – ICTACT team (24 – 25 January 2016)
- ✓ A one day Workshop on Publishing in Journals with high impact factor and quality concerns – Mr. Narendra, Chief Editor, Journals, ICTACT (05 April 2016).

Also the proposal on the below said program for the this academic year has also been approved for the year next academic year

- ✓ FDP - Building Information Model Using Revit.
- ✓ FDP on Cloud, IOT, Big Data
- ✓ An Industry Institute Interaction Sales force -
- ✓ Auto desk and Dell - EMC – A Workshop for Trainers
- ✓ Quality Improvement in Academic Publication
- ✓ Panel Discussion/ HR Conclave/CEO Conclave
- ✓ Expectation of the Industry from Potential Employees
- ✓ FDP Related to Java + SQL and Oracle.

**Year -2015-2016**

**Number of Programs conducted : 211**

**Number of Participants : 4728**

**Budget in INR (Lakhs) : 45.02**



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Deputy Director - ASC