On Day 1, the 26th May, the Programme Director, Dr. S. Chamundeswari, Principal welcomed the Resource Expert, members on the panel and participants of the International Online Faculty Development Programme on Establishing Research Beyond the Horizon. On invitation the Patron, Prof. M. Arumugam, Secretary, Sriman NKT National Education Society and NKT National College of Education for Women, delivered the keynote address.

The session was handled by Prof Arun Prasad, Associate Prof, University of Dubai under the topic “Partial Least Square - Structural Equation Modeling”.

He discussed about structural model and measurement model, where structural model describes the relation between the variables and measurement variables which has outer model and inner model. Further he explained about exogenous variable which explains the quality or performance of variables endogenous variable—which has both dependent and independent variables. He also explained the Reflective and formative measurement, categorical variables, what is AVE-Average Variance Extraction.

The Prof. Arun Prasad explained in detail about the powerful structural equation modeling software AMOS which will definitely help to support the research by extending standard multivariate analysis methods including regression, factor analysis, correlation and analysis of variance. The vote of thanks was delivered by Dr. V. Jayashree Priyadharsini, Assistant Professor of Biological Science-Education.

On Day 2 the session was headed by Prof. Ashutosh Biswal, Dept of Educational Psychology from the university of Baroda. Programme Director, Dr. N. Kalai Arasi, Controller of Examinations and Programme Convener welcomed the Resource Expert. His topic was “Construction & Validation of tool including factor analysis”. Prof. Biswal discussed about the tools of Data collection which are classified as available tools, Self made tools and Adopted tools.
Sir also elaborated on the process of tool construction. He spoke about the evidence of validity, criterion validity and factor analysis. Finally he dealt how validity can be measured using different tools like achievement test, observation, check list, reaction scale, etc. The vote of thanks was delivered by Ms. P. Sangeetha, Assistant Professor of English-Education.

On Day 3 the resource expert for the session was Prof. Usha Ramanathan from Nottingham Business School, UK and she spoke under the topic Case Study Research method & Applications. The Resource Expert was introduced and all members on the panel and the participants were welcomed by the Principal, Dr. S. Chamundeswari.
Prof. Usha Ramanathan drifted her session by discussing the purpose of case-writing, difference between qualitative & quantitative research method then she elaborated about the case study approach with involves story telling, scenario based approach and problem based approach. She highlighted that educational value of Case study is to evaluate and identify the relevant facts. Finally madam discussed on the attributes of Reference Demand Model followed by two examples which she did as a case study research.

The vote of thanks was delivered by Mrs. A.H. Komala, Assistant Professor of Economics-Education.

On Day 4 the session was headed by Prof. D. Kumaran, Former Professor and Head, Department of Education, University of Madras under the topic Triangulation as a method of research was introduced by Dr. S. Malathi, the Co-ordinator of IQAC and the Organizing Secretary.

Sir explained the meaning of triangulation which is the use of two or more data collection method in the study of some aspects of human behaviour. Professor further discussed usefulness and effectiveness of triangulation . Sir explained the 7 types of triangulation and also the benefits and disadvantages of triangulation. He finally concluded that triangulation depends on coordination & collaboration of those who are actively involved in collecting data & response.
Day 5 the last day of this Faculty Development Programme was chaired by Prof. M.P. Ganesh, from IIT Hyderabad. He was introduced by the Principal, Dr. S. Chamundeswari, Programme Director. The topic for the session was Survey Research in Social Sciences- Advantages & Possible Biases.

Sir discussed on what is survey, how to gather information in a quick, inexpensive, efficient, accurate and flexible. Types of survey which is cross sectional and longitudinal survey and 3 ways of communicating with respondents like personal interview, telephone interview and self administered questionnaire. Further he discussed about problems and errors in survey respondents, types of bias like acquiescence bias, extremity bias, interviewer bias, social desirability bias, administrative error and other errors in data processing, sample selection, interviewer error and steps to handle the administrative error.
Mrs. A. Enid Ruth Assistant Professor of Education presented the consolidated Report of the Faculty Development Programme on Establishing Research beyond the Horizon and vote of thanks was delivered by Dr. S. Dhanalakshmi, Librarian and the Programme came to a closure with a Screen Shot of all Faculty members on one screen.