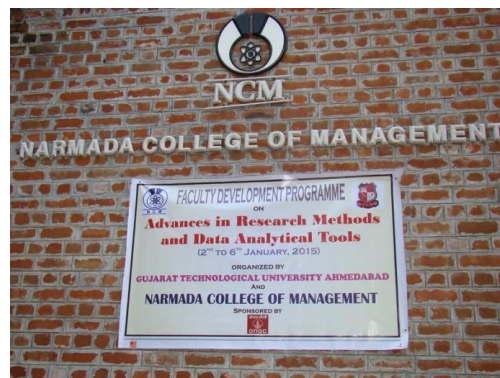




**A REPORT OF THE
FACULTY DEVELOPMENT PROGRAMME
ON
“Advances in Research Methods and Data Analytical Tools”
Organized by
GUJARAT TECHNOLOGICAL UNIVERSITY
Council for Human Resource Studies and Organizational Structures
(GTU-CHRSOS)
&
NARMADA COLLEGE OF MANAGEMENT, BHARUCH
Dates: January 2nd to 6th, 2015**

FDP on “*Advances in Research Methods and Data analytical Tools*” has been organized by: Narmada College of Management, in Association with Gujarat Technological University, Council for Human Resource Studies and Organizational Structures, (GTU-CHRSOS) on 2nd Jan 2015.



For this FDP Eminent resource person and senior faculties from premier Institutes have been invited to facilitate the programme. Resource persons were:

Programme was coordinated by Dr. Trupti Almoula, I/C Director-NCM & Director- Council for HR Skills and Organisational Structures, GTU. Dr. Chetna Makwana, Asst. Professor – NCM Prof. Kunal Mojidra, Asst. Professor – NCM,, Ms. Krutika Raval, Coordinator, CHRSOS and Assistant Professor, GTU and Ms. Hema Rajput Research Assistant, CHRSOS, GTU

- Dr Chinam Reddy, Director, Marwadi Institute of Management, & Dean GTU, Rajkot.
- Dr P. G. K. Murthy, Director, Parul Institute of Management, & Dean GTU, Vadodara
- Dr. Darhshana Dave, Professor, GH Patel Institute of business Management, S P University, Vallabh-Vidya Nagar.
- Dr Dhaval Mehata, DBIM, VNSGU, Surat. Dr. Hitesh Parmar, DBIM, VNSGU, Surat.
- Dr Vipul B. Patel, Ganpat University, Mehsana
- Dr Kaushal Bhatt and Dr. Ritesh K Patel, PG Research Centre for Governance Systems at GTU



The FDP had covered the following concepts and techniques to equip the faculties participants during the five days of the programme.

- Introduction to Research Methodology and Understanding of right research approach towards research design. Orientation and application of SPSS for advance data Analysis viz. Hypothesis testing, Z-Test, T-Test, Chi-square Test, Man-Witney test, Wilcoxon test, Krushal Wallis test etc.
- Application of SPSS and other software for data analysis techniques viz. Univariate, Bivariate, and Multivariate analysis, Regression, ANOVA, MANOVA, Time Series Analysis, Conjoint Analysis, Factor Analysis(CFA), Cluster Analysis, Discriminant Analysis etc. · Understanding of MDA and SEM etc for advance analysis.
- Importance of research and publications in academic career. Guidance for publication and writing of research papers, etc.



Pedagogy adopted for the programme was Lectures, Discussions, Presentations, Exercises, hands-on Practices for Software applications like SPSS etc. Total 25 participants from various Colleges and Institutions had participated in FDP. They had stated that this programme was very purposeful for their career and research development. Certification was endorsed and issued by GTU to 25 participants who successfully completed the whole programme.