Faculty Development Programme 2024

Theme: Advanced Research Methodology and Data Analysis

Date: 9th -13th January 2024

Kalinga Institute of Industrial Technology (KIIT)
in Collaboration with
Association of Indian Universities - Academic and Administrative Development Centre (AIU-AADC)

About KIIT:

Kalinga Institute of Industrial Technology (KIIT), established in 1997, was granted deemed to be University status (u/s 3 of UGC Act 1956) in 2004 by the Government of India. An 'Institute of Eminence', KIIT is a member of reputed national and international bodies such as EAIE, IAU, AIU, ACU, UMAP, IAUP, AUAP, IIE, UNAI, ESRUC, and Talloires Network of Engaged Universities.

KIIT has been getting 'A++' Grade from NAAC, for three times in a row. Its B.Tech programmes have got the coveted Institution of Engineering and Technology (IET), UK accreditation and ABET, US Accreditation besides 'Tier 1' (Washington Accord) from NBA.

KIIT is imparting cutting-edge skills and knowledge to the students pursuing bachelor's, master's, and doctoral degree programmes in 200 plus disciplines, spanning engineering, medicine, management, biotechnology, law, architecture, arts, commerce, fashion technology, media sciences, yoga and more. It is the only private university in India to have established a Centre for Scientific Research and a Central Advanced Research Centre (CARC) for multidisciplinary research.

About the AIU-AADC:

The Association of Indian Universities (AIU) is an apex inter-university representative body of universities and other higher education institutions in the country. Established in 1925 as the Inter-University Board (IUB) of India, it acquired its legal status as a registered society in 1967 under the Societies Registration Act 1860 and was rechristened as the Association of Indian Universities (AIU) in 1973. It has the largest network of universities and other HEIs, with 958 members in India and 17 Associated members from foreign countries. As an academic 'think tank' organization, AIU supports the Government as a research-based policy advisory body with the wider mandate of taking up research projects on higher education policy and capacity building.

At the heart of this program lies the commitment to empower participants with the latest tools, techniques, and insights that transcend traditional research boundaries. The FDP aims to provide participants a comprehensive understanding of advanced research methodologies and data analysis including both quantitative and qualitative approaches. The participants will gain practical hand-on experience in both quantitative and qualitative data management and analysis such as AMOS, SPSS and qualitative data analysis software. The FDP will be facilitated by experts in the said domains and participants receive personalized guidance and mentorship throughout the program.

Topics to be covered:

- Overview of Research Methodology
- Mixed Method Research
- How to Publish in High Impact Journals
- How to Select / Identify Research Problems
- Literature Review and Systematic Literature Review (SLR)
- Advanced Data Analysis Techniques
- Basics of Structural Equation Modelling (SEM)
- Confirmatory Factor Analysis (CFA)/ Measurement Model Analysis
- Path Model Analysis (PMA) / Structural Model Analysis
- Multivariate Data Analysis using SPSS
- Overview of Qualitative Research
- Qualitative Data Analysis using Software
- Ethics in Research

Who should attend: Research scholars, faculty members, research-consulting industry executives.

Registration Fees: PhD Scholars – Rs. 1500/- Corporate and external participants – Rs. 3000/- [The Registration fees includes lunch and refreshments for all 5 days and FDP kit.]

Mode of delivery: Offline

Last Date for Registration: 4th January 2024

Registration Link: https://forms.gle/F8RM3P2ZZVKR8aLw8

Participants of FDP on Advanced Research Methodology and Data Analysis under AIU-AADC, to deposit prescribed amount online, in: 'Account Number: 4915101003256, of KIIT UNIVERSITY, avialble at CANARA BANK, IFSC Code: CNRB0004915.'

Organizing Committee:

Advisors:

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Vice Chancellor
KIIT Deemed to be University

Prof. Tapan Panda
Pro - Vice Chancellor
KSOM & KSRM
KIIT Deemed to be University

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FDP Executives or Contact:

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Resource Persons for the FDP:

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Pro - Vice Chancellor
KIIT School of Management &
KIIT School of Rural Management

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Professor
International Management Institute
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Prof. Pratyush Banerjee
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Prof. Malabika Sahoo
Assistant Professor
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Day	Time	Topic
1	10 am - 11 am 11:15 am - 1.00 pm 2 pm -5 pm	Inauguration Introduction to research methodology Mixed Method Research- Bridging the Gap Publication in high impact journals Criteria to publish in Top rated journals
2	10 am- 11.30 am 11.45 am- 1 pm	Literature review /SLR Fundamentals of qualitative Research
	2 pm - 3.30 pm 3.45 pm - 5 pm	Qualitative Data analysis using QDA miner Qualitative Data analysis using QDA miner
3	10 am - 1.00 pm 2 pm - 3.30 pm 3.45 pm - 5 pm	Basics and Lab session on Structural equation modelling (SEM) in AMOS Lab session on Path model and structural model Use of Referencing Software in Research
4	10 am - 1.00 am 2 pm - 5 pm	Qualitative data analysis using NVivo Qualitative data analysis using NVivo
5	10 am - 1.00 pm 2 pm - 3.30 pm 4 pm - 5 pm	Multivariate Data Analysis using SPSS Publication Ethics in Research Valedictory, Certificate distribution

Note- Tea break: 11 am - 11.15 am, Lunch break: 1 pm - 2 pm