



Sam Higginbottom University of Agriculture, Technology and Sciences

(U.P. State Act No. 35 of 2016, as passed by the Uttar Pradesh Legislature)

Prayagraj, Uttar Pradesh, India

FACULTY

21 Days DEVELOPMENT (FDP) PROGRAMME

10th to 30th September, 2025

**INNOVATIONS AND TECHNOLOGY
ADOPTION FOR ENSURING HIGH QUALITY
EDUCATION AND RESEARCH IN HIGHER
EDUCATION INSTITUTIONS**

ORGANIZED BY

**DIRECTORATE OF INTERNAL QUALITY ASSURANCE
AND ASSESSMENT (IQAA), SHUATS**

FACULTY DEVELOPMENT PROGRAMME

The Faculty Development Programme (FDP) is a critical factor towards building the strong foundation of an educational system to ensure quality education. FDPs are arranged and conducted with an aim to improvise personal, profession and holistic development of faculty. Professional development strengthens the affective, intellectual, and social aspects of academic life. It improves the academic experience at institutions for teachers and students.

Directorate of Internal Quality Assurance and Assessment (IQAA), SHUATS will organize 21 Days Faculty Development Programme (FDP) from 10th to 30th September, 2025 on “Innovations and Technology Adoption for Ensuring High Quality Education and Research in Higher Education Institutions” to cater the requirements of faculty for the professional, instructional, organization and personal growth. FDP will be organized to support faculty in fulfilling the vision and mission of the University with the following objectives.

FDP OBJECTIVES

- To motivate faculty members in fostering teaching excellence and high quality of teaching.
- To sensitize teachers about new concepts in teaching and assessment methods.
- To encourage faculty members to engage in innovative, high-impact and cutting-edge research within and across the disciplines.
- To inspire faculty members to explore and experiment with various instructional strategies keeping in view of students' learning abilities.
- To orient the faculty for nurturing graduates of distinction committed to academic and professional excellence and lifelong learning.
- To catalyse the process of generation, dissemination and application of knowledge.
- To mentor faculty members for IPR generation and undertaking projects for the benefit of university, society and country.
- To inculcate highest level of ethical values, integrity and professionalism.
- To update knowledge of faculty members using modern information and research methodology tools.
- To develop knowledge and clinical skills required for performing the role of competent and effective teacher, administrator, researcher and mentor.

WHO CAN PARTICIPATE IN THE “FDP”?

Teaching Faculty Members (Teaching Assistant/ Teaching Associate/ Temporary Assistant Professor/ Assistant Professor/ Associate Professor/ Professor) from any Department/College/ School of SHUATS

FDP RULES & REGULATIONS

- **100% Free (No Registration Fee & No Training Fee)**
- **Only 50 registered candidates are allowed for FDP (on first-come-first-serve basis) from SHUATS**
- **All candidates should complete online registration through the Registration Link provided in the University website or mentioned in this pamphlet**
- **Maximum of 5 candidates will be allowed from one College/School**
- **Online registration will automatically close after 50 candidates completes the registration process**
- **Timing of FDP (Tentatively): Morning 12:00 noon to 1:00 pm & Afternoon 3:00 pm to 5:00 pm**
- **Saturday and Sundays are holidays**
- **32 Lectures (Theory/Practical Training Sessions) will be conducted in the FDP by the carefully selected experts/subject matter specialists**
- **Theory Lecture will be of 1 hour duration and Practical/Hands on Training Session will be of 2 hour duration.**
- **Handout/Lecture Notes will be provided to all participants after the completion of every lecture/practical class**
- **Online Quiz Test consisting of 10 multiple-choice questions (MCQs) will be conducted every day from previous day lectures/practical class (10 Marks for one quiz)**
- **Online Comprehensive Test consisting of 50 multiple-choice questions (MCQs) will be conducted at the end of the FDP (from all 32 lectures)**
- **Online Quiz Test & Online Comprehensive Test will be conducted through the App "Wayground" (formerly Quizizz), so all the participants should bring their own smart phones for the FDP**
- **Snacks and tea/coffee (free of charge) will be provided in morning session and evening session to all participants**
- **Attendance is mandatory for the participants and it carries marks. Participant who has less than 80% attendance in FDP will not get training certificate**
- **All participants should strictly follow the rules and regulations of FDP**
- **Training Certificates will be provided to all participants who successfully complete the FDP**

MODULES AND LECTURES OF FACULTY DEVELOPMENT PROGRAMME

FDP Modules	Lectures	Expert/ Subject Matter Specialist
Module 1: New Education Policy-2020 & Managing Pandemic Situation in Academic Institutions	(1) Understanding the New Education Policy (NEP)-2020 for Universities	Prof. (Dr.) Dhananjay Yadav Professor and Head, Department of Education, University of Allahabad
	(2) Handling Pandemic Situation Which Impacts Students' Regular Academic Activities	Dr. Neena Gupta Associate Professor, Department of Public Health, SIHAS, SHUATS
Module 2: Innovative Teaching Methods & Fostering Teaching Excellence	(3) Transforming Teaching by Adapting to New Educational Technologies	Dr. Dilip Singh Assistant Professor, Department of Education, CMP Degree College, Prayagraj
	(4) Improving Teaching Effectiveness to become an Effective Teacher	Dr. (Mrs.) Samala S. Masih Dean, Allahabad School of Education, SHUATS
	(5) Pedagogical Innovations for Interactive Learning	Dr. (Ms.) Jyotsana Jaiswal Assistant Professor, Allahabad School of Education, SHUATS
	(6) Active Learning Strategies for promotion of active participation and engagement	Dr. Ruchi Dubey Assistant Professor (Sr. Grade), Department of Education, University of Allahabad
	(7) Emphasis on Student-Centered Learning for fostering critical thinking, problem-solving, and collaboration skills	Dr. (Mrs) Anupama Mehta Assistant Professor, Allahabad School of Education, SHUATS
	(8) Innovative Methods in assessing and evaluating student learning	Dr. (Mrs) Chetna Pandey Assistant Professor, Allahabad School of Education, SHUATS
	(9) Integrating Artificial Intelligence (AI) in Higher Education	Er. (Mrs) Archana Singh Assistant Professor (Sel. Grade), Department of Computer Science and Information Technology, VIAET
Module 3: Technology Integration & Adoption in Higher Education	(10) Artificial Intelligence (AI) for Educators: Enhancing Teaching and Productivity	Dr. (Mrs) Klinsega Jeberson Assistant Professor (Sel. Grade), Department of Computer Science and Information Technology, VIAET
	(11) Artificial Intelligence (AI) as your Research Assistant: Smarter Reviews and Analysis	Er. Anchit S. Dhar Assistant Professor (Sel. Grade), Department of Computer Science and Information Technology, VIAET

	(12) Remote Teaching, Learning and Evaluation: Best Practices (Google Classroom, Google Forms, Google Meet, Microsoft Team, Zoom)	Dr. (Mrs) Tulika Assistant Professor (Sel. Grade), Department of Computer Science and Information Technology, VIAET
	(13) Mastering Image Editing: Tools, Techniques and Pedagogical Applications (Canva, Smartdraw, ChatGPT etc.)	Er. Ashuthosh Kispotta Assistant Professor, Department of Farm Machinery and Power Engineering, VIAET
		Prof. (Dr.) W. Jeberson Associate Dean, VIAET & Head, Department of Computer Science and Information Technology, VIAET
	(14) Digital Platforms for assisting Academicians and Researchers (SWAYAM, NPTEL, Shodhganga, MOOCs, etc.)	Er. R. Dileep Kumar Assistant Professor (Sel. Grade), Department of Computer Science and Information Technology, VIAET
	(15) Video Editing Essentials: Crafting and Engaging Visual Contents for Teaching and Learning (Canva, Filmora, Windows movie maker)	Er. Ashuthosh Kispotta Assistant Professor, Department of Farm Machinery and Power Engineering, VIAET
	(16) "Latex" - Technical Communication for Researchers	Dr. Arun Kumar Shukla Assistant Professor (Sel. Grade), Department of Computer Science and Information Technology, VIAET
	(17) Photo Editing and Designing using Software – CorelDRAW & Adobe Photoshop	Prof. (Dr.) C. John Wesley Additional Registrar & Professor, Centre for Geospatial Technologies, VIAET
Module 4: Techniques and Tools for Enhancing Quality of Research	(18) Enhancing Research Skills of Young Researchers and Teaching Faculty	Prof. (Dr.) Dipak Kumar Bose Associate Dean & Professor, Department of Agricultural Extension, NAI
	(19) Fostering Collaboration and Promoting Interdisciplinary Research & Knowledge Sharing (Focus on Collaborative Projects, Network Projects)	Prof. (Dr.) Rajesh Singh Professor, Department of Agronomy, NAI
	(20) How to prepare High Quality Research Paper from the Research /Thesis works?	Prof. (Dr.) Afaq M. Wani Professor and Head, Department of Forest Biology, Tree Improvement & WLS, College of Forestry

	(21) Introduction to High Impact Factor Journals (HIFJ) and enhancing the opportunity for publishing research paper in HIFJ	Dr. Mahfoozur Rahman Assistant Professor (Sr. Grade), Department of Pharmaceutical Sciences, SIHAS
	(22) Preparing Quality Project Proposals (Research & Development) and finding possible Sponsoring Agencies (in India and Abroad)	Dr. Vijay Tripathi Associate Professor, Department of Molecular and Cellular Engineering, JIBB
	(23) Role of Plagiarism Detection Tools in enhancing the quality of Research & Academic Publications (DrillBit, Turnitin, Plagiarisma, Copyscape, Quetext, PlagiarismChecker, CheckForPlagiarism)	Mr. Satyam Kumar Kesari Plagiarism Control Officer, SHUATS
	(24) Boosting Institutional Rankings by Improving the Quality of Research	Dr. Danish Ahmed Dy. Registrar, FHS & Associate Professor, Department of Pharmaceutical Sciences, SIHAS
	(25) Statistical Analysis of Research Data (SARD) and Introduction to latest Statistical Analysis Software and Tools	Dr. Prashant Verma Assistant Professor, Department of Statistics, University of Allahabad
Module 5: Additional Knowledge and Skills for Teachers and Researchers	(26) Usage of E-Resources in Academic Libraries for acquiring current and up-to-date information (electronic databases, digital repositories, E-books, online journals, CD-ROM, etc)	Mr. Christofhar S. George Librarian, Central Library, SHUATS
	(27) Techniques and Tools for Improving the English Language and Grammar in thesis/ manuscript/ research paper/books	Prof. (Dr.) Ashish Alexander Dean, CSHSS & Head, Department of English, SHUATS
	(28) Comprehensive exploration of Intellectual Property Rights & Patents for upgrading the skills of Academic Faculties and Researchers	Mrs. Joohi Srivastava Intellectual Property Development Officer, Directorate of IPC, SHUATS

	(29) Accreditation of Higher Education Institutions and Degrees for ensuring Quality Education & Research in India	Prof. (Dr.) Antony J. Raj Director (IQAA) & Dean, College of Forestry, SHUATS
	(30) Curriculum Designing and Syllabus Development using Modern Methods and Tools	Prof. (Dr.) Amit Chattree Professor and Head, Department of Chemistry, Faculty of Science, SHUATS
	(31) Sharing knowledge and Skills through Networking of Experts/Scientists through Social Media Platforms (LinkedIn, ResearchGate, Academia, ORCID, YouTube)	Dr. Satendra Singh Associate Professor, Department of Computational Biology and Bioinformatics, JIBB
	(32) Methods for the Development of Management Skills for Teaching Faculty and Scientists	Prof. (Dr.) Ronald V. Mani Professor, Department of Business Studies, JSBS

FACULTY DEVELOPMENT PROGRAMME

Chief Guest for Inaugural Function	: Bishop Prof. (Dr.) Rajendra B. Lal Hon'ble Vice-Chancellor, SHUATS
Guest of Honour for Inaugural Function	: Prof. (Dr.) Dhananjay Yadav Professor and Head, Department of Education, University of Allahabad
Chief Guest for Valedictory Function and Prize & Certificate Distribution	: Prof. Dr. ir. Jonathan A. Lal Pro Vice-Chancellor (Academic Affairs), SHUATS
Guest of Honour for Valedictory Function	: Prof. (Dr.) Mrs. Ranu Prasad Registrar, SHUATS
Organising Chairman/ Convener	: Prof. (Dr.) Antony Joseph Raj Director (Internal Quality Assurance and Assessment - IQAA), SHUATS

ORGANISING CHAIRMAN/CONVENER

Prof. (Dr.) Antony Joseph Raj

SCIENTIFIC COMMITTEE

Prof. (Dr.) W. Jeberson
Prof. (Dr.) Dipak Kumar Bose
Prof. (Dr.) Ashish Alexander
Prof. (Dr.) Amit Chattree
Prof. (Dr.) Afaq Majid Wani
Prof. (Dr.) Satyendra Nath
Prof. (Dr.) Rajesh Singh
Prof. (Dr.) Ronald V. Mani

ORGANIZING COMMITTEE

Prof. (Dr.) G. Ebenezer Jeyakumar
Dr. Danish Ahmed
Er. Thejus Jacob
Dr. Hari Mohan Singh
Mr. Sanjeev Francis
Mr. Gaurav Rajnish Singh
Mr. Byju John
Dr. S.Z.A. Naqvi
Er. Manish Kumar Singh
Mr. Nickhlesh Cutting

SCAN QR CODE
FOR REGISTRATION



REGISTRATION LINK

<https://forms.gle/k2YyTkApPe5aQ1YK6>

CONTACT

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Directorate of Internal Quality Assurance and Assessment SHUATS, Prayagraj