



**One Week Online Faculty Development  
Program  
on  
Advanced Research Methodology & Data  
Analytics**

**(Oct 21 – 27, 2024)**

**Organized By**

**Digvijai Nath Post Graduate College, Gorakhpur, UP**

(Estd. 25 Aug 1969 - (Affiliated To D.D.U. Gorakhpur University Gorakhpur(U.P.) | B++ with C.G.P.A.2.84)

**&**

**Science Tech Institute, Lucknow, UP, India**



**दिविजयनाथ स्नातकोत्तर महाविद्यालय, गोरखपुर**  
**शिक्षकगण**



## **Digvijai Nath Post Graduate College, Gorakhpur, UP**

Digvijai Nath Post Graduate College, Gorakhpur was established on 25th August, 1969 by the managing committee constituted under Maharana Pratap Shiksha Parishad, Gorakhpur. It is situated in civil lines, the heart of Gorakhpur city in eastern Uttar Pradesh. Days are not far when the college shall be able to realize the vision and the grand mission of the great soul 'Brahmleen Mahanth Digvijai Nath ji Maharaj', whose name decorates the identity of the College. His Holiness 'Brahmleen Digvijai Nathji Maharaj, former Head Priest of world fame Shree Guru Goraksh Nath Temple, Gorakhpur was the founder of the college. He was a pioneer of educational renaissance in Eastern U.P. It was none other than himself who established Maha Rana Pratap Shiksha Parishad, Gorakhpur in 1932 to spread the light of knowledge and awareness among the people of Eastern U.P. whom he found to be living in utter poverty, ignorance and backwardness of all kinds. He came to Gorakhnath temple, Gorakhpur at the age of five from the Royal Rana Family of Mewar, Rajasthan in 1900 and grew and learnt the lesson of selfless sacrifice and dedication to the service of humanity under the spiritual care of his accomplished great Guru Yogiraj Gambhir Nathji Maharaj. In 1949-50 Maharana Pratap Degree College was established by "Maharana Pratap Shiksha Parishad Gorakhpur", which was later sacrificed to contribute to the establishment of Gorakhpur University. Maharana Pratap Degree College along with its entire infrastructure including teaching and non-teaching staff was dedicated to count for the resources to meet up the requirements for establishment of the University of Gorakhpur, in 1958. Post-merger of the Maharana Pratap Degree College into Gorakhpur University, there was a vacuum in the educational facilities of the area. To fill in this vacuum, Digvijai Nath College was established on 25th August 1969. Now the administration of this college is run by the managing committee appointed by Maharana Pratap Shiksha Parishad, Gorakhpur, under inspiring guidance and patronage of His Holiness Mahant Aditya Nath ji Maharaj. His holiness Gorakshpeethadheeshwar 'Brahmleen Avedya Nathji Maharaj (the Ex-Head priest of Gorakhnath Temple) and his worthy successor who is the Chief Minister of Uttar Pradesh is the His Holiness reverent Yogi Aditya Nath ji maharaj, is the guiding light behind more than four dozen institutions, including D.N.P.G. College Gorakhpur, successfully run by the Maharana Pratap Shiksha Parisad. The College holds the glory of functioning with four faculty disciplines covering various departments at undergraduate and post graduate levels. College provides education at graduate level in eleven subjects covering Arts, six in Science and Commerce. Post Graduate teaching is offered in Ancient History Archeology & Culture, Geography and Hindi & Modern Indian Language; apart from its renowned Bachelors in Education. In addition to these, part time classes in eight non-practical subjects are also offered and the Institution also serves as an education center of Uttar Pradesh Rajarshi Tandon Open University; and hosts their 26 courses at U.G and P.G. level. In light of letter dated 15 June 2006 from U.P. State Council for Higher Education we revised 'The Self Study Report' on modified format on the basis of guidelines of NAAC-Bangalore. Digvijai Nath P.G. college, Civil lines, Gorakhpur has been placed on the UGC-NAAC approved list in 2021 with B++ grade with C.G.P.A 2.84. Gorakhnath sahityik kendra is established by UP Hindi Sansthan Lucknow in 2019. The institution, guided by the vision of Brahmleen Digvijay Nath Ji Maharaj, is a believer in multi-dimensional development of students. His vision of 'healthy mind residing in a healthy body' is relied and practiced by the Institution. Beyond books and classes students are groomed by extra-curricular and co-curricular activities. Students have participated in Inter-University and Inter-State games & sports as well as in the prestigious republic day parade in the National capital. Students of the college participate and compete with the students of other colleges of Eastern Uttar Pradesh, in different competitions organized during Founder's Week every year from 4th to 10th December. Institution also hosts an annual sports festival. To meet the Post-Accreditation requirements, the College also has the Internal Quality Assurance Cell. IQAC maneuvers to assure the internal quality of Academic and Administrative activities through its different committees at college.

### **About the College Principal**

Dr. Om Prakash Singh, did his Post Graduation in Political Science in 1995 and D.Phil. from University of Allahabad. He qualified UGC NET in 1997 in international relations and has presented various papers in national and international conferences and seminars, wrote 3 books on changing pattern of voting behavior in India, Demand of small states, Cultural diplomacy in international relations. More than twenty research papers are published in national and international journals by him. He is presently serving as Principal in Digvijay Nath PG College, Gorakhpur after selection from UP Higher Education Commission in 2021.

### **Science-Tech Institute (Run by: MKSES Educational Society, Lucknow)**

The Science-Tech Institute is one of the premier institutes of Lucknow dedicated to organize various academic activities like conferences, seminars, workshops and training programmes in collaboration with many national & international organizations and organisation have own Publication house and Journals' to be published Edited books, Course books and research papers. The institute is run by Manraj Kuwar Singh Educational Society, Lucknow. The society is working for the development of deprived socio-economic students by providing them quality education.

# About The Program

To address the present situation, the University Grants Commission (UGC) has intensified its efforts to have a strong virtual engagement with the students through email/Whats App and hosting lectures using Google Class Room and other video-conferencing platforms. Keeping in view the immense benefits and reach of online courses in the present academic set-up, the **Digvijai Nath Post Graduate College, Gorakhpur UP and Science-Tech Institute Lucknow** is offering a **One Week Online Faculty Development Program on Advanced Research Methodology & Data Analytics** for faculty members and research scholars of higher education in the country.

**After successful completion of the online course, the participants will be able to**

- ❖ Comprehend the research process and underlying design principles.
- ❖ Gain better understanding on how to identify a research problem and design a valid research project to answer specific research questions.
- ❖ Get hands-on training in the usage of several open source tools that can assist them in their research endeavors.
- ❖ Effectively analyze and present their data and research outcomes.
- ❖ Write effective research papers and thesis in the journal designated formats using online tools.
- ❖ Gain awareness on the concept of originality of research. Know the process of finding good quality journals for research and publishing.
- ❖ Establish collaborations with the research community. Improve their quality of research.
- ❖ Improve their quality of research.

## **COURSE CONTENT OF THE FDP**

### **Dates & Timing of FDP:**

**Oct 21 -27, 2024 ( 06:30 pm to 08:30 pm) everyday evening**

- **New Education Policy-2020.**
- **Intellectual Property Rights (IPR).**
- **Use of ICT in Higher Education: Creating e-content, Development of MOOCs, Preparation of online assignments, quizzes.**
- **Preparation of Research Proposals for Funding Career Advancement Scheme (CAS) for Promotions of Faculties in Higher Education.**
- **Plagiarism Policy for Research.**
- **Use of Artificial Intelligence (AI) and Machine Learning (ML) in Higher Education.**
- **Introduction to Research: Research Philosophy and Types.**
- **Development of deeper understanding of the dynamics of research philosophy and design and the underlying technology and proficiency.**
- **Research Design and Types.**
- **Data collection and Data Visualization.**
- **Analysis of Data and Techniques.**
- **Systematic Literature Review and Meta Data Analysis.**
- **Introduction to different Qualitative Research Methods.**
- **Developing an understanding about Qualitative and Quantitative Data Analysis.**
- **Writing Research Report and Research Papers using LaTeX.**
- **Advanced Searching Tools and Referencing Tools.**
- **Scientific Journal Finder.**
- **Indexing and Impact Factors.**
- **Ethics: Patent, Copyright and Plagiarism.**
- **Creating Research Profile and Collaborations.**

## ELIGIBILITY

- ❖ The FDP is open to all Faculty members (regular/ad-hoc/temporary/guest) from any Indian/Foreign University/ Medical Colleges, Nursing Colleges, Agriculture College, Law College, Engineering College/ Humanities /Science/ Commerce/ Ph.D. Research Scholars of all the discipline.
- ❖ Registration for all the participants of the FDP is mandatory. Registered participants will be given certificates.
- ❖ Study material in the form of PPT and video recording of all sessions will be provided to all registered participants.

For further queries, please mail us

at: [sciencetech487@gmail.com](mailto:sciencetech487@gmail.com),

## REGISTRATION & PAYMENT DETAILS

### Details of Registration Fees:

1. For Indian Participants: INR 600/- (Non-Refundable)
2. For Foreigner : \$10/- (Non-Refundable)

For registration & payment please click on the given link:

<https://sciencetechinstitute.com/one-week-online-faculty-development-program-on-advanced-research-methodology-data-analytics-oct-2024/>

- ❖ Registration for all the participants of the FDP is mandatory.
- ❖ Certificates awarded on the basis of online engagement of the Program.

## Note

After successful registration, the participants will receive a confirmation via email. Please keep checking the spam folder of the email as the bulk email sent may end up in the spam folder. An official group has been made for communication with the participants on "Whats App." The link to join the official group will be provided in the confirmation mail.



## About Resource Persons of FDP

**Dr. Ashoo Grover**, is Currently working as Scientist „F“ (Medical) Deputy Director General Senior Grade at ICMR She promoted a Special programme for Medical Colleges for Research Methodology Courses, Establishment of Multidisciplinary Research Units in Govt. medical colleges, Model rural Health Research Units in 25 States in India, mechanisms for Health Technology Assessment at DHR, MOHFW. She has experience of more than two decades in research. She is editor of many national and international journals.



**Dr. Ravinder Singh**, is medical graduate with doctorate training in public health. He is looking after the areas of mental health, disability, rehabilitation and assistive technologies at ICMR Headquarters (Department of Health Research, Ministry of Health & Family Welfare, Government of India), New Delhi. He completed his Ph.D. (Public Health) on Adolescent Stress from Jawaharlal Nehru University in 2013. He has experience of more than two decades in research. He is editor of many national and international journals. He is Chairperson of Institutional Ethics Committee of Sudha Rustagi Dental College, Faridabad and member of Institutional Ethics Committee, Padmashree Dr. DY Patil University, Pune.



**Prof.(Dr).C.K. Dixit** M.Sc, M.Phil, Ph.D. FICS, FPAS, MMR (Singapore), D.Sc. (California USA), D.sc(south Africa) known personality, who has more than 21 years of teaching and research experience. He has served as Professor, HOD & Dean, in renowned institutes and universities. Prof. Dixit has done extensive research in the field of Nano Science, Material Science, Semiconductor, Transistor Circuitry, Microelectronics, VLSI Fabrication and Solid State Physics/Electronic Devices. Prof. Dixit has associated with IISc Bangalore, SCL Chandigarh and research laboratories in USA, UK, Netherland, Singapor,China,Turkey,Taiwan,Brazil and Germany. Prof. Dixit has published more than 76 research paper& 12 books & Prof. C.K. Dixit is currently working as Dean, Faculty of Science & Technology and Head Department of Physics at Dr. Shakuntala Misra National Rehabilitation University Mohaan Road, Lucknow.



**Dr. Anamika Gulati** working as Assistant Professor in School of Social Sciences her Qualifications PhD from the Maharishi Markandeshwar University, Mullana, Haryana, 2018 , M. Pharmacy from the Panjab University, Chandigarh, 2007, B. Pharmacy from the Panjab University, Chandigarh, 2005 and her Areas of Interest/Specialization Biomedical waste management; Medical affairs and scientific communication; Clinical trials and Drug development; Modern Science and Traditional Knowledge; Research Methodology; Higher Education in Science. She got Awards & Honours Above and beyond Award for conducting Medical Writing Workshops for healthcare physicians at Meenakshi Mission hospital, Madurai Nov 2014 and AMRI Hospital, Kolkata Aug 2014



**Dr. Manoj Kumar**, is working as an faculty in Centre for Economic Studies and Planning (CESP), Jawaharlal Nehru University, New Delhi. He is teaching statistics, Health Economics, Biostatistics, Econometrics, Research Methodology papers as well as software's like SPSS, SAS, R, AMOS in university. He has various project related to Clinical Research, Dental, Physiotherapy and Social Sciences at university as well as for other organization, to his credits. He has good publication. He was former Biostatistician for prestigious Clinical Research organization like ClinRx Research Pvt. Ltd., Fortis Clinical Research, Invite (GSK) etc... At present, Dr. Manoj is visiting faculty in Clinical Research Education and Management Academy (CREMA), Delhi Tool Engineering Institute as well as in other organizations for the Biostatistics, SAS, SPSS. He is also a member of Data Safety Monitoring Board (DSMB) of various studies of Clinical trial.



He delivered more than 100 lectures in FDP/workshop/training programme/ PMMMNMTT – MHRD Induction programme and delivered lectured in various intuitions, central universities.

**Dr Rakhi Gupta** an FDP alumna from IIM-Ahmadabad who has propensity towards academics, Research and Training. Currently she is working as Assistant Prof at Faculty of Commerce ,Banaras Hindu University(BHU) Varanasi UP India. She currently serves on the editorial board of International journals published from Singapore, UK, India etc for example IJBIT,VSRD,IJCM, IJCMR.etc Her speaking engagement have taken her to audiences in diverse places as Singapore, Malaysia, Dubai ,Canada etc. She has come out with edited book title “Managing business in emerging economies”. She has published one book titled “Managing agri business in India ”.Her Text book on Human Resource Management is out in the market both in Hindi and English Version .In all she has 2 text books and 1 edited book to her credit.Her HRM book is one of the most preferred books in UP,Jharkhand



**Dr. Vinit Kumar**, is working as Assistant Professor, Department of Library and Information Science Babasaheb Bhimrao Ambedkar University, Lucknow 226025 and his Qualifications Ph.D. (Indian Statistical Institute/University of Calcutta), MLISc(BHU), BSc(University of Allahabad), IMAD Course(IIT Madras available through NPTEL), UGC-JRF. His SpecializationsText and Data Mining, Information Technology Applications in Libraries , Research Methods and Statistical Techniques, Information Storage and Retrieval -Web technology and application in libraries



## Chief Patron



**Mahanth Yogi Aditya Nath Ji Maharaj**  
**Manager/ Secretary**  
**Digvijai Nath Post Graduate College,**  
**Gorakhpur, UP**

## Patron



**Shri Ram Janam Singh**  
**Incharge Manager/ Secretary**  
**Digvijai Nath P G College, Gorakhpur**  
**UP, India**

## Chairperson



**Prof. (Dr.) Om Prakash Singh**  
**Principal**  
**Digvijai Nath P.G**  
**College Gorakhpur, UP**

## Co-Patron



**Prof. Dev. D. Sharma**  
**Executive Director**  
**Global Knowledge**  
**Foundation ( GKF),**  
**USA**

## Co-Patron



**Prof. (Dr) Anil Kumar Singh**  
**Principal**  
**MGPG College**  
**Gorakhpur, UP, India**

## Co-Patron



**Prof. P Chhakraborty**  
**Visiting Professor**  
**Rutgers the State**  
**University of New Jersey,**  
**USA**

## Co-Patron

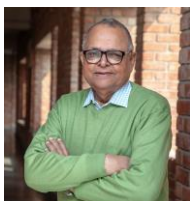


**Mrs. Shweta Singh**  
**Chairman**  
**Governing Body**  
**MKSES Lucknow**  
**UP, India**

## FDP Advisors



**Prof. R. K. Shukla**  
**Professor**  
**Department of Physics**  
**Lucknow University**  
**Lucknow, UP, India**



**Prof. N.B. Singh**  
**Emeritus Professor**  
**Department Chemistry,**  
**SBSR &RTDC**  
**Sharda University,**  
**Greater Noida, UP, India**



**Prof. D.S. Hooda**  
**Former**  
**(Pro-Vice Chancellor)**  
**Kurukshetra University,**  
**Haryana, India**



**Prof. Somesh Kumar Shukla**  
**Director**  
**Bhao Rao Devras Shodhpeeth**  
**University of Lucknow**  
**Lucknow, UP, India**



**Prof. C.K. Dixit**  
**Dean & Head**  
**DSMR University**  
**Lucknow, India**



**Prof. Pradeep Sharma**  
**Department of Law KAAF**  
**University CollegeGomoa**  
**Fetteh , Kakraba-Kasoa,**  
**Ghana**

## Coonvenor



**Prof. (Dr.) Parikshit Singh**  
**Convenor**  
**Professor Dept. of Botany**  
**Digvijai Nath P.G College**  
**Gorakhpur, UP, India**

## Senior Advisor



**Prof. Manoj Pandey**  
**Professor**  
**Department of Law**  
**Jainarain Misra P.G. College**  
**Lucknow**

## Senior Advisor



**Prof. Anshu Kedia**  
**Principal**  
**Khun Khun Ji Girls**  
**Degree College in Lucknow**

## Co-Chair Person



**Prof. D.K Sharma**  
**Professor**  
**Department of Business.**  
**University of Maryland,**  
**USA**

## Technical Advisor



**Dr. Sushil Kumar Shukla**  
**Professor in Statistics**  
**U P University of Medical**  
**Sciences, Saifai Etawah,**  
**U. P.**

## Senior Advisor



**Dr. Manisha Shukla**  
**Associate Professor,**  
**Department of Chemist**  
**University of Lucknow**

## FDP Organizers



**Dr. Vivek Kumar Shahi,**  
Assistant Professor,  
Dept. Of Psychology,  
DNPG College,  
Gorakhpur



**Dr. Dilshad Ahmad**  
Associate Professor  
Dept. of Commerce  
AIDC, Lucknow, UP  
India



**Dr. Priyanka Singh**  
Professor  
Dept. of Oral Pathology  
& Microbiology  
K G M University,  
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**Dr. Jahan Ara**  
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Department of Education  
at Karamat Husain  
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**Dr. Suraj Kumar Shukla**  
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**Dr. Shubhanshu Shekhar Singh**  
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**Dr. Deepali Chauhan**  
Scientist  
Institute/ University-  
Krishi Vigyan Kendra -II  
,Raibareli , Chandra Shekhar Azad  
University of Agriculture and  
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**Deepak Kumar Sahni**  
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**Surendra Chauhan**  
Assistant Professor  
(Dept. of Ancient History)  
DNPG College  
Gorakhpur UP, India



**Dr. Anil Bhaskar**  
Assistant Professor  
Dept. of Geography  
DNPG College  
Gorakhpur UP, India



**Dr. Subhash Chandra**  
Assistant Professor  
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**Miss. Monalisha Pal**  
Assistant Professor  
Nursing Sciences  
Sharda University,  
Noida, UP, India



**Dr. Pratima Singh**  
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Dept. of Chemistry  
Digvijai Nath P.G. College,  
Gorakhpur



**Dr. Rashmi Singh**  
Associate Professor  
Amity University,  
Noida, India



**Dr. Anupama**  
Assistant Professor  
Department of EducationSt.  
Thomas College, Bhilai (c.g.)



**Dr. Alka Singh Bhatt**  
Assistant Professor  
Amity Business School,  
Amity University Lucknow,  
UP, India



**Dr. Shahina Kalim**  
Assistant Professor  
Department of Biochemistry  
Bundelkhand University ,  
Jhansi, UP, India



**Dr. Hardeep Kaur**  
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website at [www.sciencetechinstitute.com](http://www.sciencetechinstitute.com)**



**International Academic Research Excellence Awards (IAREA-24) by Digvijai Nath Post Graduate College, Gorakhpur, UP & Science-Tech Institute run by Manraj Kuwar Singh Educational Society, Lucknow, UP on 27<sup>th</sup> Oct, 2024**

## **ABOUT**

Aim is to identify novel and fundamental advances in the fields of R&D & education and to bring together leading academicians, scientists, researchers to premier interdisciplinary forum to identify & honor the most recent innovations, trends, and solutions adopted in the fields. It also serves to foster communication among researchers and practitioners working in a wide variety of areas. With accreditation form Record Owner, winning candidates will get chance to list in Record Owner- world record list for their outstanding innovative ideas and achievements.

## **RULES**

### **HOW TO SUBMIT**

**Please Click the link**

[Download form](#) and submit as per rules and regulations. email all details at **sciencetech487@gmail.com, contact@sciencetechinstitute.com.**

## **AWARDS**

Best Scientist

Best Young Scientist

Best Researcher

Best Young Researcher

Best Director / Principal

Best Faculty

Best Young Faculty

Award For Excellence in Research Global Academic Research Excellence Awards-24

Award for Outstanding Achievement

Awards for Outstanding International Achievement.

## **APPLICATION PROCEDURE**

Submit application till **27th Oct 2024**, free of charges Evaluation outcome shall be communicated by Record Owner Team within 72 hours. Award acceptance as per rules mentioned in nomination form..

## **WINNERS WILL GET**

**Certificate**

**Trophy**

**Record Owner**– World Records Lifetime Awards Listing with candidate video message in explore records section of sciencetechinstitute.com Listing in contest winners section with photograph, name & award.