



**ATAL BIHARI VAJPAYEE VISHWA VIDALAYA,  
BILASPUR(C.G.)**

**A  
Report  
OF  
FACULTY DEVELOPMENT PROGRAMME  
ON**

**Digital Tools for Writing, Authoring  
and Reviewing Manuscripts**

**Dated: 12th to 23rd July,2021**

**Organized by**

**DEPARTMENT OF COMPUTER SCIENCE AND APPLICATION, ATAL BIHARI VAJPAYEE  
VISHWAVIDYALAYA, BILASPUR**

**In association with**

**PRINCIPLE CO-ORDINATING  
ACADEMY**

**IIT ROORKEE**

**CO-PRINCIPLE CO-ORDINATING  
ACADEMY**

**IIT JABALPUR**

**CO-ORDINATOR, REMOTE CENTER**

**Dr. H.S. Hota**

**Head, Dept. of Computer Science and  
Applications**

**Atal Bihari Vajpayee University, Bilaspur**



# Department of Computer Science and Application

(A Nodal centre identified by IIITDM, Jabalpur),

Atal Bihari Vajpayee University, Bilaspur, (C.G.)



## Online Spring and Summer Faculty Development Program 2021

in Association with



Ministry of Electronics & Information Technology (MeitY)

Government of India



Digital India  
Power To Empower

Government of India Initiative for Employability Enhancement

### Details of Online Faculty Development Programme (FDP)

S.No.	Course Title	Principal Coordinating Academy	Duration	Last Date of Registration
1.	Digital Tools for Writing, Authoring and reviewing manuscripts	To be Announced	24 May – 4 Jun 2021	The last date of application is Monday of earlier week from the start date of respective programme

#### Target Beneficiaries:

- Interested Faculty/students of engineering/other institutions & professionals from our country as well as from outside India, are eligible to attend these Spring/Summer courses. Additionally, faculty of non-engineering background are also invited to attend FDP on ICT Tools and techniques for Teaching Learning Process & Institutes. Industry persons and student participants are also invited to attend the aforesaid programmes to upgrade their skills.

#### Course Duration:

- Each course is designed as 3 credit equivalent for 35-40 hours (Theory Lectures, Hands-on/Design orientation/Activity linked problems/Assignments Problem Solving/Case Studies sessions/Quiz Tests). The contact hours are to be spread over 10 days, implying NOT more than 3½ hours per day.

#### How to Register:

- Click on <http://www.iitg.ernet.in/eictacad/> and then click on joint winter FDPs and finally click on application form of respective FDP.

#### Course Fee Details:

- Academic (Student/Faculty) - 500 INR
- Industry People and others - 1000 INR

#### Online Payment Details:

- Name : IIITDM, Jabalpur
- Bank Name : Indian Bank
- A/C No. : 50302042708
- IFSC Code : IDIB000M694
- Branch : Mehgawan, IIITDM Branch

#### :: Contact Person ::

**Dr. H.S. Hota**

(Proctor Co-ordinator)

8109194501, 9425222658

## ABOUT EICT ACADEMICS

India is fast emerging as a world power in Information, Communications Technology and Electronics (ICTE) sectors. To complement its growth and further development, there is an ever-increasing need for trained professionals with specialization in this space. This includes training of professionals not only in existing and changing technologies but also in the fields of R&D and electronics manufacturing. This will specifically be aimed at the ICTE sector to create a substantial resource pool of talent and generate ample opportunities for entrepreneurs. Ministry of Electronics & Information Technology (Meity) has approved a scheme and setup Electronics and ICT Academies at 07 (seven) institutions viz. IIT Guwahati, IIT Kanpur, NIT Patna, IIITDM Jabalpur, IIT Roorkee and MNIT Jaipur. The Ministry had earlier setup two ICT Academies at Tamil Nadu and Kerala respectively. These Academies are aimed at faculty/mentor development and upgradation to improve the employability of the graduates, diploma holders in various streams, through collaboration of States/Union Territories. Each Academy is being provided funding support for four years and is expected to generate revenue by charging fee and taking up other activities to meet the recurring cost in a gradual manner and become self-sustainable by the end of fourth year onwards. All these Academies will cater to the requirements of identified neighbouring States and UTS also.

## ABOUT REMOTE CENTER

Ministry of Electronics & Information Technology (MeitY) has approved a scheme and setup Electronics and ICT Academies at 07 (seven) institutions viz. IIT Guwahati, IIT Kanpur, NIT Patna and IIITDM Jabalpur, IIT Roorkee and MNIT Jaipur. The objective of these academies is to train students and teachers on latest technologies. The department of Computer Science and Application is associated with IIITDM academy Jabalpur since the year 2018 as nodal or remote centre to organize Faculty Development Program. The department is continuously supporting academy to conduct FDP and certificate program.

## PARTICIPANTS

In this online programme on “ICT Tools for Teaching, Learning Process & Institutes” there are total approx. 26 participants had joined.



## REPORT

An online Faculty Development Program (FDP) on Digital Tools for Authoring, Reviewing, and Writing Manuscripts took place from July 12 to July 23, 2021. This collaborative effort involved prestigious institutions, including IIT Guwahati, MNIT Jaipur, IIITDM Jabalpur, NIT Patna, and Atal Bihari Vajpayee University, Bilaspur. The FDP's primary goal was to introduce participants to research methodology, reference management tools, manuscript writing, and reviewing. The FDP provided a comprehensive exploration of the tools and techniques essential for effective research and manuscript preparation. It was structured to encompass both theoretical and practical sessions, ensuring participants gained a holistic understanding of the subject matter. The FDP commenced with an online inaugural function that set the tone for the program. Experts from all coordinating institutes interacted with the participants, emphasizing the significance of the knowledge-sharing experience and introducing the objectives of the FDP. Atal Bihari Vajpayee University, Bilaspur, served as a remote nodal centre, identified by IIITDM Jabalpur and the ICT academy established by the Ministry of Electronics and Information Technology, Government of India. This initiative garnered significant interest, with **100** participants registering from the university's remote centre. The FDP attracted both young researchers and educators, making it particularly beneficial for individuals seeking to enhance their research skills. The FDP's comprehensive structure included both theory classes and practical sessions. Participants engaged in discussions, fostering a dynamic exchange of ideas and experiences. These discussions were instrumental in addressing queries and facilitating a deeper understanding of the subject matter. To assess the participants' grasp of the content and their proficiency in utilizing digital tools for research and manuscript preparation, an online examination was conducted on the last day of the FDP.

In conclusion, the online Faculty Development Program on Digital Tools for Authoring, Reviewing, and Writing Manuscripts was a highly fruitful initiative. It offered valuable insights into research methodology and equipped participants with the tools and skills necessary for efficient manuscript preparation. The collaborative effort of multiple esteemed institutions and the comprehensive program structure enriched the learning experience. This FDP was particularly advantageous for young researchers and educators, allowing them to enhance their research capabilities and contribute to the field of academia and research. Such programs play a crucial role in promoting continuous learning and research excellence in the academic community.

## TOPICS COVERED

Technical writing & Presentation Skills

LateX: An introduction for the beginner-2

Publishing in print and for the Internet

Value system in Teaching

Empowering Teaching and Learning Through

Patent Data mining as a research tool

Typesetting figures, Vector graphics (MATLAB)

Beamer Presentations/Posters

Technology Transfer

Writing guidelines for Thesis/report

Getting ready with Latex- on your Computer/ Online access

Speaking Skills for Employability

Manuscript Preparation using Online tools-3

Writing support & help for Language

Continuing Conversations: Tools for Collaborative Annotation

Understanding and publishing in high quality journals

Working with Google Docs, Spreadsheet

Guidelines for reviewing manuscripts

Creating quality figures- Xfig, Dia (Vector Graphics)

Typesetting tables, long tables

Research Methodology

Options for publishing work: various journals and conferences

Publisher Specific-Conversion & Deliverables- 4

Typesetting Letters, Reports, Research Articles

Strategies for Report Writing

Effective Speaking

River-Valley & Tools-1

The Literature Review

Publishing in Vernacular languages

Writing Externally funded research Project Proposal

Experimental research & Data Analysis

PGF/TikZ: drawing figures in Latex

References management- JabRef & Mendeley

Introduction to Intellectual Property Rights

Identifying an appropriate Research Problem!!

Anti-Plagiarism Tools

## Details of the Participants Registered for the Programme

S. No	Name Of the Participants	Affiliation	Designation
1.	Mrs. Mohan Manju	Kamla Nehru Mahavidyalaya, Korba, Chhattisgarh	Faculty
2.	Nishant Behar	GGU, Bilaspur	Faculty
3.	Gaurav Sahu	University Teaching Department Atal Bihari Vajpayee Vishwavidyalaya, Near Old High Court, Bilaspur Chhattisgarh 495001	Faculty
4.	Pallavi Mishra	Icfaitech, Faculty of Science & Technology (FST), Hyderabad	Research Scholar
5.	Dr. Rakesh Kumar Yadav	Dr.C.V. Raman University, Kargi Road Kota, Bilaspur C.G. India	Faculty
6.	Yamini Yadav	C.V. Raman University, Bilaspur Chhattisgarh	Faculty
7.	Anjali Barman	Aadarsh College Raipur	Faculty
8.	Dr. Latika Bhatia	Atal Bihari Vajpayee University	Faculty
9.	Anamika Shukla Sharma	Government E.R. Rao Pg Science College, Bilaspur (Cg)	Faculty
10.	Puranam Revanth Kumar	Icfaitech (Faculty of Science and Technology), IFHE Hyderabad, India	Research Scholar
11.	Projit Biswas	Atal Bihari Vajpayee University	Faculty
12.	Gargee Shukla	Govt. N.P.G. College of Science, Raipur, C.G.	Faculty
13.	Shweta Singh	Guru Ghasidas Vishwavidyalaya	Faculty
14.	Ku. VARSHA LAKRA	Govt. Naveen College Pali	Faculty
15.	Manisha Gupta	Govt. G.N.A. Pg College Bhatpara	Faculty

16.	Vivek Tiwari	Govt. E. Raghavendra Rao Postgraduate Science College, Bilaspur	Faculty
17.	Sasmita Bargah	Atal Bihari Vajpayee University Bilaspur	Faculty
18.	Prashant Vaishnav	Guru Ghasidas University Bilaspur Chhattisgarh	Faculty
19.	Prof. B.K.Bhagat	K.M.T. Govt. Girls College, Raigarh (C.G.)	Research Scholar
20.	Manharan Anant	Govt. Naveen College Jatga Dist. Korba	Faculty
21.	Abhishek Karsh	Korba Computer College	Student
22.	Pooja Pandey	Atal Bihari Vajpayee Vishwavidyalaya	Research Scholar
23.	Madhu Yamini Soni	D. P. Vipra College, Bilaspur (C.G.)	Research Scholar
24.	Shailja Goel	Govt. Bilasa Girls P.G. (Auto.) College, Bilaspur (C.G.)	Faculty
25.	Jitendra Kumar Sharma	SSGRD Govt College Sargaon	Faculty
26.	Rashmi Sharma	Govt. T.C.L. P.G. College, Janjgir (C.G)	Faculty