



**A REPORT
OF
FACULTY DEVELOPMENT PROGRAMME
ON**

INTRODUCTION TO PROGRAMMING : A PEDAGOGICAL APPROACH

**CONDUCTED THROUGH NKN
BY**

**DEPARTMENT OF COMPUTER SCIENCE AND APPLICATION
ATAL BIHARI VAJPAYEE VISHWAVIDYALAYA, BILASPUR (C.G)**

IN ASSOCIATION WITH

ICT ACADEMIES

MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY (MEITY), GOV. OF INDIA

DATE : 17-21 JUNE 2019

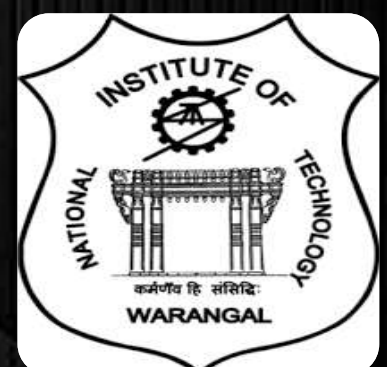
**PRINCIPAL CO-ORDINATING ACADEMY
IIT KANPUR**

CO-ORDINATOR, REMOTE CENTRE

**Dr. H. S. HOTA
HOD
DEPT. of CSA
ABVV, BILASPUR (C.G.)**

ABOUT ICT 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 Warangal, 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 CENTRE

Electronics & ICT Academy, PDPM IITDM Jabalpur has identified Department of Computer Science & Application, Atal Bihari Vajpayee University, Bilaspur (C.G.) as remote nodal centre to run FDP from time to time.

The objective is to meet the skill requirements of the industry and generate more employment especially in tier 2 and 3 towns, the rural parts of the country. Initially the department was the only remote nodal centre in the state of CG.

MODULES COVERED IN THIS FDP

INTRODUCTION

BRANCHING

FUNCTIONS
AND
RECURSION

DATA
STRUCTURES &
ALGORITHMS

TESTING &
DEBUGGING

PARTICIPANTS

The event was very interactive whereby 21 participants enthusiastically showcasing their curiosity and eagerness to learn. They learnt about new technical skills.

EVENT DETAILS

The Faculty Development Program (FDP) on "Introduction to Programming: A Pedagogical Approach" was conducted from June 17 to June 21, 2019. This program was organized in a physical mode at a remote nodal center, which was identified by the IIITDM ICT Academy. The lectures were delivered through online mode, utilizing the Vidyo application. The FDP had a total of 21 enthusiastic participants. IIT Kanpur served as the principal coordinating academy for this FDP. Atal Bihari Vajpayee University, Bilaspur, was one of the remote nodal centers identified by IIITDM Jabalpur and the ICT Academy established by the Ministry of Electronics and Information Technology, Government of India.

The FDP aimed to provide participants with a comprehensive understanding of programming, from the basics to advanced topics, including debugging and testing. It followed a pedagogical approach to teaching programming, making it an innovative and engaging experience for the participants. The FDP brought together educators and experts to share their knowledge and teaching styles. Participants not only learned about programming languages but also gained insights into the pedagogical methods used by renowned institutions in India, including IITs, IIITs, and NITs.

Teachers and educators found the new way of teaching programming to be highly enjoyable and enlightening. The FDP not only enhanced their understanding of programming but also equipped them with innovative techniques for teaching the subject effectively.

The FDP concluded on a high note as Vice Chancellor Prof. G.D. Sharma distributed certificates to all 21 participants in his chamber. This certificate distribution ceremony marked the successful completion of the program, and a group photo was taken to capture the memory of this valuable learning experience.

In conclusion, the online Faculty Development Program on "Introduction to Programming: A Pedagogical Approach" in the physical mode at a remote nodal center was a valuable initiative. It provided educators with a fresh perspective on teaching programming and equipped them with new pedagogical approaches. The collaborative effort of multiple prestigious institutions and the diverse expertise shared in the FDP enriched the learning experience. Such programs are instrumental in promoting innovative teaching methods and fostering a culture of continuous learning in the academic community.



DEPARTMENT OF COMPUTER SCIENCE AND APPLICATION
ATAL BIHARI VAJPAYEE VISHWAVIDYALAYA, BILASPUR (C.G.)
Near Gandhi Chowk, Bilaspur (C.G.) 495001
Website : www.bilaspuruniversity.ac.in

No.: 879 /CSA/2019

Date: 23-07-2019

To,

The Chief Investigator

Electronics and ICT academy

IITDM, Jabalpur

Subject: Settlement of Bills of Faculty development program held during May-June, 2019 regarding.

Respected Sir/Madam

As per above mentioned subject we have conducted faculty development program on Introduction to Programming: A pedagogical Approach from 17-06-2019 to 21-06-2019 at Department of Computer Science and Application, Atal Bihari Vajpayee University, Bilaspur, C.G., India through NKN.

Please find the detail of expenditure along with bills as per prescribed format for final settlement. Further, our university is **government state university** and hence for the purpose of audit we are unable to provide original copy of the bills, instead we are sending xerox copy of verified bills.

For necessary action please

Dr. H.S. Hota

Co-ordinator, Remote centre

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

E-mail: proffhota@gmail.com

M.No. - 9425222658

विभागाध्यक्ष
कम्प्यूटर साइंस एण्ड इलेक्ट्रिकेशन
अटल बिहारी वाजपेयी विश्वविद्यालय
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To,

The Chief Investigator
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IITDM, Jabalpur

Subject: Settlement of Bills of Faculty development program held during May-June, 2019 regarding.

Respected Sir/Madam

As per above mentioned subject we have conducted three faculty development programs namely Deep learning and Application from 27-05-2019 to 31-05-2019, Introduction to Programming: A pedagogical Approach from 17-06-2019 to 21-06-2019 and Robotics and AI from 24-06-2019 to 28-06-2019 as remote centre at Department of Computer Science and Application, Atal Bihari Vajpayee University, Bilaspur, C.G., India.

Further, our university is **government state university** and hence for the purpose of audit we are unable to provide original copy of the bills, instead we are sending xerox copy of verified bills.

Please consider the case and do the necessary action to settle the bills.

Mr. Bhavesh Dubey

Finance officer

Atal Bihari Vajpayee University,

Bilaspur (C.G.), India

Dr. H.S. Hota

Co-ordinator, Remote centre

Atal Bihari Vajpayee University,

Bilaspur (C.G.), India

E-mail: proffhota@gmail.com

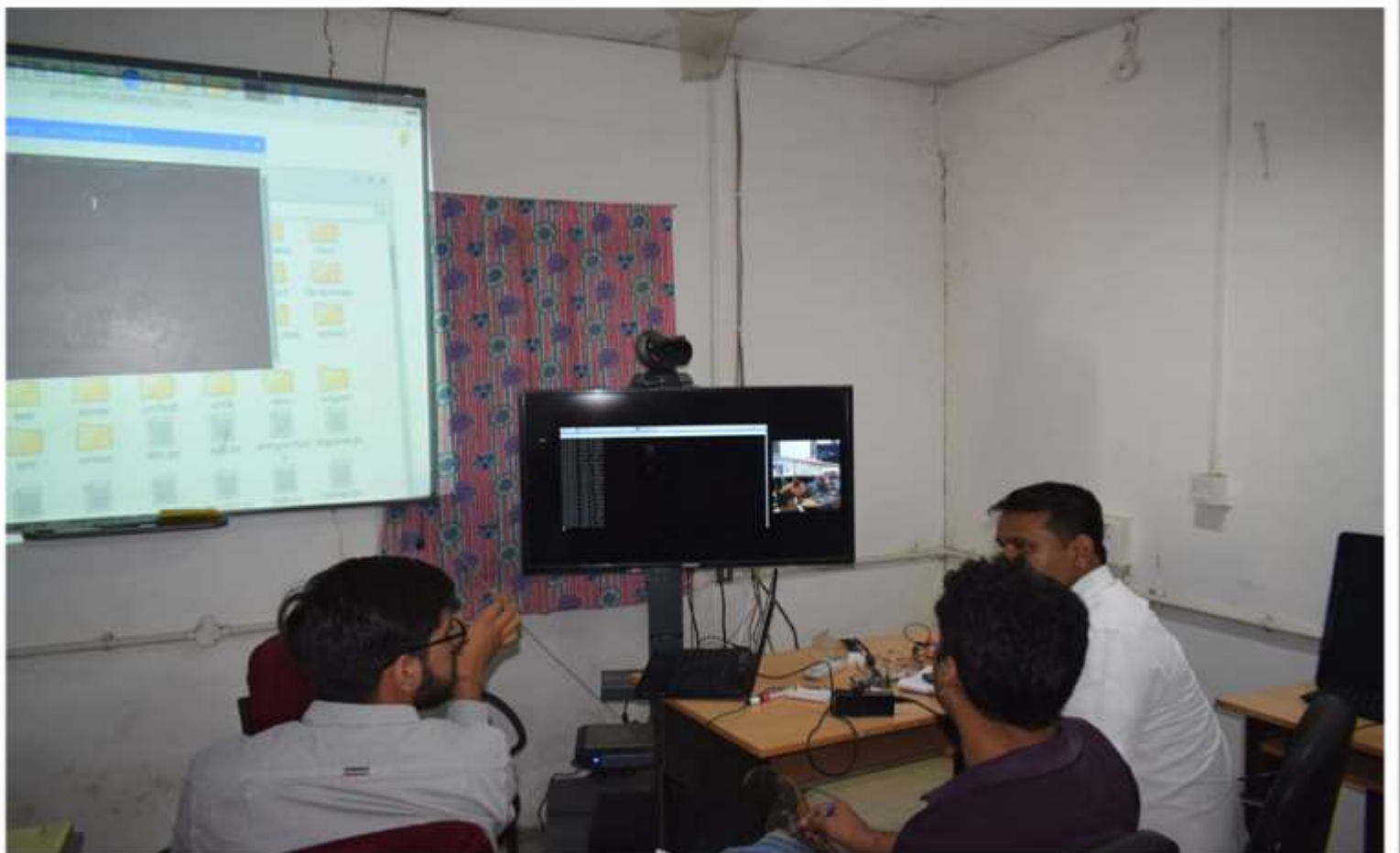
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GLIMPSES OF FDP



GLIMPSES OF FDP



ATTENDANCE OF PARTICIPANTS

LIST OF PARTICIPANTS FOR FACULTY DEVELOPMENT PROGRAM:
Introduction to Programming: A Pedagogical Approach
FORM 17 June 2019 TO 22 June 2018
ATTENDANCE SHEET

Sr. No.	Name	17/06/2019	18/06/2019	19/06/2019	20/06/2019	21/06/2019	22/06/2019
1	Dr. H.S. Hota	Present	Present	Present	Present	Present	Present
2	Neha Bole	Present	Present	Present	Present	Present	Present
3	Vandana Bhaagal	Present	Present	Present	Present	Present	Present
4	Anupama Pandey	Present	Present	Present	Present	Present	Present
5	Hema Vastrakar	Present	Present	Present	Present	Present	Present
6	Abhishek Singh	Present	Present	Present	Present	Present	Present
7	Tarun Dhar Diwan	Present	Present	Present	Present	Present	Present
8	Prakash Kumar Tripathi	Present	Present	Present	Present	Present	Present
9	Akhlesh Jain	Present	Present	Present	Present	Present	Present
10	Abhishek Jain	Present	Present	Present	Present	Present	Present
11	Akanksha Gupta	Present	Present	Present	Present	Present	Present
12	Suhel Ahmed	Present	Present	Present	Present	Present	Present
13	Devendra Singh	Present	Present	Present	Present	Present	Present
14	Anamika Shukla Sharma	Present	Present	Present	Present	Present	Present
15	Vivek Tiwari	Present	Present	Present	Present	Present	Present
16	Dr. Akhlesh Kumar Shrivastava	Present	Present	Present	Present	Present	Present
17	L. K. Gavel	Present	Present	Present	Present	Present	Present
18	Sourabh Tiwari	Present	Present	Present	Present	Present	Present
19	Rohit Miri	Present	Present	Present	Present	Present	Present
20	Avinash Kumar Tiwari	Present	Present	Present	Present	Present	Present
21	Radheshyam Gupta	Present	Present	Present	Present	Present	Present


Radheshyam Gupta