



OFFICE OF THE PRINCIPAL
**C.M.DUBEY POST GRADUATE COLLEGE
BILASPUR (C.G.)**

(Accredited "A" by NAAC & The College with "Potential for Excellence")
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Department of Computer Science

A Report on Workshop

Topic on

"NETWORKING TECHNOLOGIES"

Session- 2016-17

Three days **Workshop** was conducted on ***"NETWORKING TECHNOLOGIES"*** held on 20 October to 22 October by the ***CMS™ IT TRAINING INSTITUTE BILASPUR (C.G.)***. This **Workshop** was held under the supervision of Assistant Professor, Head, Department of Computer Science ***"Dr. S. Pavani"***.

Description About the Program-

The workshop was inaugurated by, **Prof. G.D. Sharma**, Honorable Vice-Chancellor, in Bilaspur University, **Dr. H. S. Hota**, Dept. of Computer Science & Application, in Bilaspur University, **Mr. Sanjay Dubey** President of Governing Body, Principal **Dr. D. K. Chakroborty** C.M. Dubey P.G. College Bilaspur.

नेटवर्किंग पर तीन दिवसीय सेमिनार



बिलासपुर। सोएमडी महाविद्यालय के कंप्यूटर विभाग की ओर से नेटवर्किंग विषय पर तीन दिवसीय सेमिनार का आयोजन किया जा रहा है। इसका उद्घाटन बिलासपुर विश्वविद्यालय के कंप्यूटर विभाग के अध्यक्ष डॉ. एचएस होला, कॉलेज के प्राचार्य डॉ. डीके चक्रवर्ती की उपस्थिति में हुआ। इस दौरान 100 से अधिक विद्यार्थी नेटवर्किंग विषय पर अपना रोध प्रस्तुत करेंगे। सेमिनार आयोजन के लिए कॉलेज के शासी निकाय के अध्यक्ष संजय दुबे ने शुभकामनाएं दी हैं।

नेटवर्किंग विषय पर हुआ तीन दिवसीय सेमिनार

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बिलासपुर। सोएमडी कॉलेज के कंप्यूटर विभाग द्वारा नेटवर्किंग विषय पर आयोजित 3 दिवसीय सेमिनार का उद्घाटन सोमवार को सम्पन्न किया गया। उक्त उद्घाटन-कार्यक्रम में कंप्यूटर नेटवर्किंग से संबंधित एडवेंस, स्वीचिंग व प्रोग्रामिंग आदि की जानकारी प्राप्त की। मुख्य अतिथि के रूप में उपस्थित सीनियर के अधिशासक छात्र कल्याण एवं कंप्यूटर साइंस विभाग के विभागाध्यक्ष डॉ. एचएस होला ने प्रतिभागी छात्र-छात्राओं को प्रमाण पत्र

प्रदान किया। प्राचार्य डॉ. डीके चक्रवर्ती ने भविष्य में इस तरह का सेमिनार आयोजन करने की बात कही। कॉलेज के शासी निकाय के अध्यक्ष पंडित संजय दुबे ने विकास इंडिया और मेक इन इंडिया के तहत कार्यक्रम आयोजित करने और विद्यार्थियों का वास्तविक जीवन करने की बात कही। इस कार्यक्रम में 100 से 110 विद्यार्थियों ने नेटवर्किंग विषय पर जानकारी प्राप्त की। इस अवसर पर कंप्यूटर साइंस विभाग की अध्यक्ष एस पावनी, छात्र-छात्राएं और स्टाफ मौजूद थे।

Context of Workshop-

Participants-- Total 86 Students participated in this workshop held in C.M. Dubey P.G. College. UG & PG students participated in the workshop.

The Workshop is inaugurated in the B.Ed hall of the college on 20 October 2016 at 11 a.m. After the inauguration of the workshop, the guest faculty started the course lecture, who came from **CMSTM IT Training Institute Bilaspur (C.G.)**.

In day 1 covered all the essential & important topics related to networking concepts, such as networking devices, cables & different network connections. In day 2 covered basic concepts of networking, router, switching, etc. In day- 3 covered advance routers & switches, Hyper V concept, etc. A **Quiz competition** was held on the last day of the workshop. Every participating was distributed certificates, at the end of the program.

Networking technology allows for the exchange of data between large and small information systems used primarily by businesses and educational institutions. Network technicians, also known as network engineers or specialists, are responsible for the configuration, installation, and troubleshooting of the technology used to transmit digital information, including audio, visual, and data files. Through networking, end-users are able to transmit files, messages, and other data through e-mail or various other channels, sharing information through Internet or Intranet connections, based on the needs of an organization. The development of a network involves assessing the administrative and informational requirements of an organization and evaluating the costs for hardware, installation, training, security, and account management. Once a network

is deployed, networking technicians are usually responsible for ensuring the network remains operational and updated as needed. They usually provide technical support to company employees for any problems that may arise.

Duration- 3 Days.

Modules Covered in Workshop-

DAY 1st


1. Network Essentials.
2. Description of Network Devices and Uses.
3. Different Network Cable Connections.
4. Internetworking.


DAY 2nd

5. Description of TCP/IP.
6. CISCO'S Internetworking Operating System.
7. Managing A CISCO Internetworking.
8. LAN Switching.
9. IP Routing.

DAY 3rd

10. Advance Configuration of Routers & Switches.
11. Introduction of Windows 10.
12. Administering Windows 10.
13. Introduction to Hyper V.


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