भारतीय लेखापरीक्षा और लेखा विभाग
क्षेत्रीय क्षमता निर्माण एवं ज्ञान संस्थान, राँची

"Hardware/Software Troubleshooting" पर कोर्स

अवधि : 18-09-2023 से 22-09-2023 (05 दिन)

पाठ्यक्रम समन्वयक: श्री अरुण प्रकाश पाण्डेय, सहायक लेखा अधिकारी/आई.टी/संकाय

सत्र का समय

I: 10:00 पू. से 11:15 पू.   II: 11:30 पू. से 12:45 अप.

III: 02:00 अप.से 03:15 अप.   IV: 03:30 अप. से 04:45 अप.

दिनांक/दिन	सत्र	विषय वस्तु	संकाय/सर्वश्री
18-09-2023 (Monday)	I & II	Inauguration Computer Hardware, the CPU and its technology, Memory (FDD, HDD, CD/DVD/RW, Removable storage, Disks, names, purposes and characteristics of Motherboard, Add-In Adapter Cards, SMPS and its voltage details with trouble shooting, Peripheral Hardware- Monitor and its types, Pixels and Resolution, Keyboard & its types, Mouse, CD ROM/RW, DVD, Floppy. Form factor-ATX/BTX, micro ATX/NLX. Installation, identifying common problems	Principal Director Sh. Pravin Kumar, CF/IT
	III &IV	Components: Integrated I/O, Memory Slots, Processor sockets, External Cache memory, Bus architecture, Bus slots, PATA/SATA/SCSi Ports: serial, parallel, VGA, Universal Serial Bus (USB), PS/2, Keyboard, Game, Sound and Fire Wire (IEEE 1394). Installation, identifying common problems and trouble shooting.	Sh. Ranjit Kumar Roy, AAO, O/o the PAG (A&E), Jharkhand
19-09-2023 (Tuesday)	I & II	Peripheral Devices: Printers, Scanners, Modem, projectors, Connector type: VGA, DVI/HDMi, S-Video, Component/RGB, Settings thereto Installation, identifying common problems and trouble shooting	Sh. Ravindra Banerjee, AAO , O/o the PAG (A&E), Jharkhand
	III & IV	Mother Board- Configuration, Slot details, serial port & parallel port, Installation of other devices-CMOS-definition in BIOS ,BOOT, Introduction to Primary and secondary memory, OS, Hard disk detection, Password setting, POST-definition-Definition of IPL Hardware, Error codes, Auto Codes, Video codes, Fault finding in Secondary Storage Devices, Serial and parallel testing ports, cable connection, Software/Hardware Diagnostics	Sh. Ranjit Kumar Roy, AAO O/o the PAG (A&E), Jharkhand
20-09-2023 (Wednesday)	I& II	Introduction to Internet, its features and its application, How the internet works, Internet & Intranet, E-mail, Web page, Website, Web servers and its application, web browser-Text bases & Graphical, Creating E-mail accounts, Working with e-mail via Outlook and other mail programmes	Sh. Pravin Kumar, CF/IT
	III & IV	Hardware & Software requirement to connect to the internet, Modem and its configuration, ISP, Protocol and Configuration for TCP/IP. Finding service providers, Making connection with servers, Internet addressing – Domains and sub- domains, IP Address and DNS.	Sh. Arun Prakash Pandey, AAO/CF
21-09-2023 (Thursday)	I & II	Network- Types of Network, Client-server Model, Addressing in Internet(DNS, Domain and its type), DNS Server and the internet, Intranet Web Browsers, Internet Explorer and others, Surfing the web with web browsers, Use of search engines such as Google etc.	Sh. Arun Prakash Pandey, AAO/CF
	III &IV	Internet Security-Threats (Viruses, worms Trojan Horse etc.) Hacking, phishing, Firewall, Internet Security Management Concepts, Information Privacy, Copyright issues, Basics of Asymmetric Cryptosystems	Pravin Kumar, CF/IT
22-09-2023 (Friday)	I& II	Group Discussion and Quiz	Sh. Arun Prakash Pandey, AAO/CF
	III &IV	Evaluation Valediction	Principal Director

पाठ्यक्रम समन्वयक

क्षेत्रीय क्षमता निर्माण एवं ज्ञान संस्थान, राँची
भारतीय लेखापरीक्षा एवं लेखा विभाग

पत्र सं.- RTI-RAN/Trg(IT)-01/HW/2022-23/I/385023/2023
दिनांक-14-09-2023

सेवा में,

प्रधान महालेखाकर (लेखा एवं हकदारी),

का. प्रधान महालेखाकर (लेखा एवं हकदारी), झारखंड, राँची का कार्यालय

विषय – "**Hardware/Software Troubleshooting**" **कोर्स** *पर प्रशिक्षण देने के सम्बन्ध में |*

महोदय,

क्षेत्रीय क्षमता निर्माण एवं ज्ञान संस्थान, राँची द्वारा उपर्युक्त विषय पर दिनांक **18-09-2023 से 22-09-2023 (05 दिन)** तक "**Hardware/Software Troubleshooting**" प्रशिक्षण कार्यक्रम आयोजित किया गया है । अतः, इस सन्दर्भ में आपसे अनुरोध है कि हमारे प्रशिक्षुओ को निम्नांकित सत्र एवं विषय पर प्रशिक्षण प्रदान करने हेतु श्री रंजीत कुमार रॉय एवं श्री रबिन्द्र बनर्जी (सहायक लेखा अधिकारी)को अनुमति प्रदान किया जाये I

दिनांक / दिन	सत्र	विषय	संकाय सदस्य (श्री/सर्व श्री)
18-09-2023 (Monday)	III &IV (02.00 अप. से 04.45 अप.)	Components: Integrated I/O, Memory Slots, Processor sockets, External Cache memory, Bus architecture, Bus slots, PATA/SATA/SCSi Ports: serial, parallel, VGA, Universal Serial Bus (USB), PS/2, Keyboard, Game, Sound and Fire Wire (IEEE 1394). Installation, identifying common problems and trouble shooting	Sh Ranjit Kumar Roy, AAO O/o the PAG(A&E), Jharkhand, Ranchi
19-09-2023 (Tuesday)	I & II (10:00 पू. से 12:45 अप)	Peripheral Devices: Printers, Scanners, Modem, projectors, Connector type: VGA, DVI/HDMi, S-Video, Component/RGB, Settings thereto Installation, identifying common problems and trouble shooting	Sh. Ravindra Banerjee, AAO, O/o the PAG(A&E), Jharkhand, Ranchi
	III &IV (02.00 अप. से 04.45 अप.)	Mother Board- Configuration, Slot details, serial port & parallel port, Installation of other devices- CMOS-definition in BIOS ,BOOT, Introduction to Primary and secondary memory, OS, Hard disk detection, Password setting, POST-definition-Definition of IPL Hardware, Error codes, Auto Codes, Video codes, Fault finding in Secondary Storage Devices, Serial and parallel testing ports, cable connection, Software/Hardware Diagnostics	Sh Ranjit Kumar Roy, AAO, O/o the PAG(A&E), Jharkhand, Ranchi

भवदीय,
ह/-
पाठ्यक्रम समन्वयक

पत्र जानकारी एवं आवश्यक कार्रवाई हेतु अग्रेषित

➢ श्री रंजीत कुमार रॉय (स.ले.अ.), का. प्रधान महालेखाकर (लेखा एवं हकदारी), झारखंड, राँची का कार्यालय

➢ श्री रबिन्द्र बनर्जी (स.ले.अ.) का. प्रधान महालेखाकर (लेखा एवं हकदारी), झारखंड, राँची का कार्यालय

RTI-RAN/Trg(IT)-01/HW/2022-23/I/385023/2023

पत्र सं.-आर.टी.आई./राँची/आई टी ट्रेनिंग /2023-24/755-56   दिनांक-13-01-2023

पत्र जानकारी एवं आवश्यक कार्रवाई हेतु अग्रेषित

➢ श्री रंजीत कुमार रॉय (स.ले.अ.), का. प्रधान महालेखाकर (लेखा एवं हकदारी), झारखंड, राँची का कार्यालय

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