



केन्द्रीय माध्यमिक शिक्षा बोर्ड

(मानव संसाधन विकास मंत्रालय, भारत सरकार, के अधीन एक स्वायत्त संगठन)

शिक्षा सदन, 17, इन्सटिट्यूशनल क्षेत्र, राउज एवेन्यु, दिल्ली-110002.

CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organization under the Union Ministry of Human Resource Development, Govt. of India)
"Shiksha Sadan", 17, Institutional Area, Rouse Avenue, Delhi-110002



CBSE /ACAD/PROF & DIR (ART&I)/CBSE/2014

11th September 2014

Circular No: Acad – 29/2014

All the Heads of Institutions
affiliated to CBSE

Subject: CBSE to offer I.C.T. teacher training (free) in collaboration with Oracle Academy

Dear Sir/ Madam,

The Central Board of Secondary Education (CBSE) in collaboration with Oracle Academy will continue to offer free ICT training programs to all its CBSE affiliated school teachers including:

1. Kendriya Vidyalaya Sangathan
2. Navodaya Vidyalaya Samiti
3. State Govt. run CBSE Schools
4. Private Independent Schools in India
5. International Schools

The training program offerings are as follows:

1. For Computer Science Teachers:

- Creating Java Programs with Greenfoot (workshop)
Refer link: https://academy.oracle.com/pages/greenfoot_course.pdf
- Java Fundamentals (Institute)
Refer link: https://academy.oracle.com/pages/java_fundamentals_course.pdf
- Database Design and Programming with SQL(Institute)
Refer link: https://academy.oracle.com/pages/database_design_course.pdf

2. For all subject teachers(including computer science teachers):

- Getting Started With Alice workshops for **Master Trainers**. The Master trainers will help deliver trainings at the regional level.
Refer link: https://academy.oracle.com/pages/alice_course.pdf

3. Technology Information Sessions on emerging technologies.

The delivery format will be as follows:

1. In- class (Face to face) –Conventional Classrooms
2. Hybrid (Virtual + In class) –Flipped Classrooms
3. VILT (Virtual Instructor Led Training) –Live classroom through internet.

Overview:

Sl. No	Event	Format	Duration	Teacher Audience
1	Alice Workshop	In-class	3 days	All subject teachers with experience of integrating ICT in the classroom with skills of time management
		Virtual Instructor Led	8 to 9 online sessions of 120 minutes each	
2	Creating Java Programs using Greenfoot (An interesting way to introduce OOPS terminology & concepts)	Virtual Instructor led training	8 to 9 online sessions of 120 minutes each	PGT & TGT Computer Science
3	Java Fundamentals Institute **	In-class	4 days	PGT & TGT Computer Science
		Virtual Instructor Led	25 online sessions of 90 minutes each (twice a week)	
		Hybrid(In class + VILT)	8 weeks of instructor Lead Virtual Training (includes chat session)+2 days of in class training	
4	Database Design & Programming with SQL – Institute **	In-class	5 days	PGT & TGT Computer Science
		Hybrid(In class + VILT)	10 weeks of instructor Lead Virtual Training (includes chat session)+3 days of in class training	

** The courses Java Fundamentals and Database Design & Programming with SQL from Oracle Academy have received the ISTE seal of Alignment for Mastery from the 'International Society for Technology in Education. All of these training programs will

- Have special focus on formative assessment activities as per CCE.
- Provide a new perspective and interesting methodology to teach Java and Database Design in the classrooms.
- Help develop computational thinking skills and strengthen STEM education.

Interested candidates/schools/organizations can contact and **fill-up the proforma** attached and send by e-mail to (Mark both)

1. Mr. Shantanu Sarkar, Consultant, CBSE, Contact: 011-23217720; E-mail id: cbseshantanu@gmail.com
2. Mrs. Kamal Peter Senior Program Manager, APAC Phone: +91 8040293437 / 08040293342 E-mail id - academy-apac-instr_sg@oracle.com

Schools are requested to avail this opportunity and to send the details for further follow-up action as soon as possible.

With Regards,

Sd/-

(Dr. Sadhana Parashar)

Professor & Director (A R T & I)

Copy to the respective Heads of Directorates, Organizations and Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:

1. The Commissioner, Kendriya Vidyalaya Sangathan, 18-Institutional Area, Shaheed Jeet Singh Marg, New Delhi-16.
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector 62, Institutional Area, Noida-201309.
3. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi- 54.
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector-9, Chandigarh-160017.
5. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim- 737101.
6. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar-791111.
7. The Director of Education, Govt. of A&N Islands, Port Blair- 744101.
8. The Director of Education, S.I.E., CBSE Cell, VIP Road, Junglee Ghat, P.O. 744103, A&N Islands.
9. The Secretary, Central Tibetan School Administration, ESS Plaza, Community Centre, Sector 3, Rohini, Delhi- 85.
10. All the Regional Officers of CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions.
11. All Associate Professor & Additional Director.
12. The Associate Professor & Programme Officer (Vocational).
13. The Research Officer (Tech.) with the request to put this circular on the CBSE Academic website and ensure that all copies are received from Sl. No. 1-25.
14. The Assistant Professor & Joint Director (Academics & Vocational).
15. The Assistant Professor & Joint Director (Sports).
16. All Assistant Professor & Deputy Director.
17. Assistant Professor & Assistant Programme Officer (Vocational) .
18. Deputy Director (Examination & Reforms).
19. Assistant Librarian, CBSE.
20. Public Relations Officer, CBSE
21. PS to Chairman, CBSE
22. PS to Secretary, CBSE
23. SO to CE, CBSE
24. PS to Director (Special Exams)
25. PA to Professor & Director (Academics, Research, Training & Innovation)

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ORACLE TRAINING PROFORMA

Date:.....

Have you attended an Oracle Academy training program Yes No

Training Program/Event you want to participate in: (select any one)

- Getting Started With Alice Creating Java Programs with Greenfoot
 Java Fundamental Institute Database Design and Programming with SQL

(In case you have attended any of these programs in the last academic session, kindly opt for a different one)

Training Format you choose:

- In Class (Face to Face) Hybrid(Virtual + In Class) VILT (Virtual Instructor Led Training)

Please note that the venue of the in-class training need not necessarily be the place in which the school of the applicant is located. The travel and stay arrangements for in-class training are the responsibility of the school in which the teacher is working.

* For more details please refer the CBSE Circular for Regional office

Required Information

1. Full Name (In capital letter) _____
2. E-mail ID (Personal : to be clearly written) _____
3. Contact No (Personal) – Mobile/Landline _____
4. Designation _____
5. Subjects and Classes Taught _____
6. Name of the School _____
7. School Address (Postal with Pin code) _____

8. E-mail ID (School) _____
9. Contact No. of School _____
10. Name of Principal _____
11. E-mail ID of Principal: _____
12. School Affiliation Code: _____

Note: Email a scanned copy of the proforma saved in a PDF format to the following E-mail id’s:

1. Mr. Shantanu Sarkar, Consultant, CBSE, Contact: 011-23217720; 9350860946; E-mail id: cbseshantanu@gmail.com
2. Mrs. Kamal Peter Senior Program Manager, OA, APAC. E-mail id - academy-apac-instr_sg@oracle.com

For any program related queries please contact
Meghana Prasad – Operations Assistant, OA, Oracle India
Phone No: 08040293342/08040293343
E-mail Id – meghana.prasad@oracle.com

Signature of the Principal with School Seal

Oracle Academy: Introduction to Computer Science

Computer lab Requirements

	Database Design and Programming with SQL	Java Fundamentals	Getting started with Alice	Getting started with Greenfoot
Internet Speed	1.54 MBps dedicated connection (T-1) exclusively for the school	1.54 MBps dedicated connection (T-1) exclusively for the school	1.54 MBps dedicated connection (T-1) exclusively for the school	1.54 MBps dedicated connection (T-1) exclusively for the school
Local area network (LAN)	Recommended	Recommended	Recommended	Recommended
Processor	Pentium 4 or higher	Pentium 4 or higher	Pentium 4 or higher	Pentium 4 or higher
Operating system	One of the following: Windows XP Windows 7 (32,64-bit)	One of the following: Windows XP Windows 7 (32,64-bit)	One of the following: Windows XP Windows 7 (32,64-bit)	One of the following: Windows XP Windows 7 (32,64-bit)
Browsers	One of the following: • Internet Explorer 6 (or higher) • Firefox 3 (or higher)	One of the following: • Internet Explorer 6 (or higher) • Firefox 3 (or higher)	One of the following: • Internet Explorer 6 (or higher) • Firefox 3 (or higher)	One of the following: • Internet Explorer 6 (or higher) • Firefox 3 (or higher)
Memory	1 GB	1 GB	1 GB	1 GB
Free disk space	• Required, 280 MB • Recommended, 4 GB	• Required, 1.5 GB • Recommended, 8 GB	• Required, 1.5 GB • Recommended, 4 GB	• Required, 1.5 GB • Recommended, 4 GB
Graphics	N/A	• Capable of high (16 bit) color and 1024x768 resolution • 3D video card recommended	• Capable of high (16 bit) color and 1024x768 resolution • 3D video card recommended	• Capable of high (16 bit) color and 1024x768 resolution • 3D video card recommended
Sound card	Required	Required	Required	Required
Software (Also the required softwares mentioned by OA).	• JRE 7 • Adobe Flash Player • Any audio/video player • OpenOffice	• JDK 7 • Adobe Flash Player	• JDK 7 • Adobe Flash Player	• JDK 7 • Adobe Flash Player

Note: Power supply in the lab should be continuous and uninterrupted.