RAMAKRISHNA MISSION VIDYAMANDIRA

BOSE HOUSE CAMPUS
A Cultural & Educational Center
(Rishra, Hooghly)

A Unit of Ramakrishna Mission Saradapitha
Belur Math, Howrah

Brochure For Offline Certificate Course On

Basic Computer

Mission Statement

'True to the kindred points of Heaven and Home'- to borrow an evocative line from William Wordsworth's celebrated poem 'To a Skylark' - the ideology of Ramakrishna Mission was formulated by Swami Vivekananda as "Atmano mokshartham jagad hitaya cha" *(i.e)* *'For one's own salvation and for the welfare of the world').* This telling phrase encapsulates an over-arching spiritual ideal in which individual spiritual aspiration and the spirit of altruism co-mingle. A private spiritual life that turns a blind eye to the suffering

humanity, Swami Vivekananda never tired of pointing out, is necessarily a selfish life led in isolation. Recognising as he did the immanent divinity in every living being, Swamiji bequeathed to humanity the ideology of 'Practical Vedanta'.

The educational domain is an important area where 'Practical Vedanta' finds wonderful application. In fact, the luminous mind of Swamiji probed man to his very depth and came up with the astounding revelation that infinite goodness and infinite perfection are lying buried in every man, waiting to be called out. Just as friction brings out the hidden fire from a flint, right kinds of external suggestions would likewise call forth ethical excellence and elements of creativity already present in their potential forms in man. True education, if anything, helps this manifestation through creating "right kinds of external suggestions". To the extent an academic milieu furnishes such "right kinds of external suggestions", it serves the purpose of education. Based on this educational ethos of Swami Vivekananda, our College, ever since its inception,has been striving to build up an environment that would help manifest in its learners.

Divinity (i.e. such scintillating values as selflessness, moral courage, truthfulness etc.)
Perfection (i.e. academic excellence

RAMAKRISHNA MISSION VIDYAMANDIRA (MAIN CAMPUS)
BELUR MATH, HOWRAH

RAMAKRISHNA MISSION VIDYAMANDIRA

A vision, born of the irresistible character-force of a mighty spiritual genius, ceases to belong to the realm of speculation – instead it becomes a living force working itself out imperceptibly to find its fulfilment sooner or later. What is today the Ramakrishna Mission Vidyamandira, does indeed trace its origin to such a vision of Swami Vivekananda. True to the Prophet's vision as early as 1898 of a temple of learning combining the elements of the ancient 'Gurukula' tradition of India and the scientific temper of the West, the authorities of the Ramakrishna Mission, Belur Math started 'Vidyamandira' as an Intermediate Arts College in 1941 under the auspices of Saradapitha, a branch of the Ramakrishna Mission.

For history to be made, there must be years – long, gruelling years. From an Intermediate Arts college in 1941 to a three-year degree college in 1966 through to becoming 'a college with potential for excellence' as also being conferred with the autonomy status by UGC in 2010, Vidyamandira's onward march through the passage of years is a fascinating study of an educational Institute's bold strides, despite various odds, into the arena of high education. Also, during the academic session 2006-2007, post-graduate teaching was introduced and in the year 2013 the college established 'Swami Vivekananda Research Centre' to run PhD programmes. Currently, with as many as fourteen undergraduate Hons. Courses, six post-graduate courses, researches in various disciplines and a plethora of Certificate as well as Add-on courses running apace, Vidyamandira can well be likened to a mini-University which has been leaving ,all these years, its quiet yet unmistakable impact on the society by sending out academically skilled individuals with high character efficiency...

HISTORY OF THE BOSE HOUSE CAMPUS

This garden house, belonging as it did to Sri Sarat Chandra Bose, the elder brother of Netaji Subhas Chandra Bose, is said to have scripted a fair bit of history by having none other than Netaji himself setting foot in it. After Netaji's great escape in 1941, this historic house, according to police file No 24 of Police Museum, Kolkata, was used as a meeting place with the representatives of the Japanese Consulate to get news from Netaji.

Probably in May, 1941 a link between the Bose family and the Japanese Consulate was created. Subsequently, Sarat Bose met Japanese Consul General Okazaki at this Garden House. On that day of the first meeting, Sisir Bose drove the car of the Consul bringing him to this house. It is learnt that the next Consul Ohta along with his wife also came to this house several times to meet Sarat Bose. In fact, to avoid the surveillance of British intelligence officers, Mrs. Ohta used to come here wearing saree so that it would appear as if she was coming to attend a social gathering. Indeed, numerous meetings of this kind having taken place here, this house unmistakably lies wreathed in a glorious bit of history pertaining to the last leg of the Indian freedom movement.

Later the descendants of the Bose family sold this property and eventually in 2005 Sri Paritosh M Chakrabarti got the ownership of this property. Finally, this historic Bose House Property has been donated by Sri Paritosh M Chakrabarti and Sreemati Chakrabarti to Ramakrishna Mission Saradapitha, Belur Math for the construction and development of a Cultural and Educational Centre to promote the legacy of Swami Vivekananda and Netaji Subhas Chandra Bose. Now the Bose House Campus is the second campus of Ramakrishna Mission Vidyamandira.

RAMAKRISHNA MISSION VIDYAMANDIRA (BOSE HOUSE CAMPUS) RISHRA, HOOGHLY

BOSE HOUSE CAMPUS : SPECIAL FEATURES

● Swami Vivekananda's dream was to combine the traditional Upanishadic teachings of India with the knowledge of the West. A bunch of online and offline courses have been started from this campus to contribute towards the actualization of this vision..

● Keeping employability in mind, skill development courses like Digital Skills, Data Analysis, Communicative English, Communicative Hindi or Modern Journalism have been made part of our curriculum.

● Courses like Indian Mythology : Srimad Bhagavatam, Indian Philosophy : Vedanta, Buddhist Studies are meant to make one aware of India's ancient traditions, classical culture etc. These courses are very helpful in higher level research too.

● Courses such as 'Students' Mental Crisis & Intervention', 'Personality Development in the light of Ramakrishna-Vivekananda Movement' will help in combating today's dreaded mental disorders like stress, depression, anxiety and will also help developing effective personality to make one fit for career.

● Art Appreciation, Music Appreciation as will as Drawing & Craft and Music Classes will develop aesthetic sense on one hand and creativity on the other. Apart from higher level research, the vocational oriented learning of these courses today will also shape your career.

● Educational and Cultural Workshops, Seminars and Value Oriented Programs organized from this campus from time to time will be helpful for your skill development as well as values development.

● The various awareness programs and relief activities organized at this campus by the NSS department of Ramakrishna Mission Vidyamandira will be especially helpful in your socialization.

● Srimat Swami Suviranandaji Maharaj, General Secretary of Ramakrishna Math & Ramakrishna Mission officially inaugurated this campus on 21st February 2024, on the day of International Mother Language Day. In the inaugural meeting, Revered Maharaj said that the novelty of this campus of Ramakrishna Mission is that this is a co-educational institution. Girls will also study here. Swamiji said that a bird has two wings; and if both are not equally empowered and strong, then the bird cannot fly well. The governing body of Ramakrishna Mission has decided that both boys and girls will come here non-residentially; for the excellence of their lives.

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PROGRAMME FRAMEWORK

Aims and objectives	The aims and objectives of a Computer Fundamentals and Programming course typically revolve around providing students with a foundational understanding of computer systems, programming concepts, and problem-solving skills. Here's a breakdown of the aims and objectives.
Basic tenets and Schools of thought	When it comes to the basic tenets and schools of thought underlying computer fundamentals and programming courses, several key principles and methodologies are commonly emphasized. Below are some of them.
Significant applied aspects	In a Computer Fundamentals and Programming course, there are several significant applied aspects that bridge theoretical knowledge with practical skills. These applied aspects play a crucial role in preparing students for real-world applications and careers in computer science and related fields. Here are some of the significant applied aspects.
Connect with the contemporary knowledge system	Connecting a Computer Fundamentals and Programming course with contemporary knowledge systems involves integrating the latest trends, technologies, and best practices into the curriculum. Here's how to do it.

Future Prospects	1. Digital knowledge is very much essential in today's educational scenario. 2. Students will develop their digital skills through this basic computer training. By doing this, on the one hand, they will be benefited in their studies and on the other hand, they will be able to build their career. 3. Now a days It is very effective to build a freelancing career. 4. Digital skills not only enhance employability but also empower students to innovate and adapt in a technology-driven world. Moreover, with the rise of remote work and the gig economy, proficiency in digital tools and platforms is becoming essential for career flexibility and advancement.

CURRICULUM

TOTAL CRADIT : 3	**FULL MARKS : 100**
EACH CRADIT : 15 HOURS	**COMPREHENSIVE ASSESSMENT : 20**
TOTAL COURSE DURATION : 4 MONTHS	**PERIODIC ASSESMENT : 80**

UNIT	COURSE CONTENT	HOURS
Unit I	**Computer Fundamentals(Theory):** • **History of Computers** – Evolution and Generations • **Classification of Computers** – Types and Categories • **Functional Blocks of a Computer** – Basic Architecture • **Central Processing Unit (CPU)** – Components and Functions • **Storage Devices** – Primary & Secondary Storage • **Software and Hardware** – Definition, Types, and Differences	4

Unit II	**Computer Fundamentals (Practical):** • **Basic Introduction** – Overview of Computer Operations • **MS Paint** – Drawing, Shapes, and Editing Tools • **Notepad** – Basic Text Editing and Formatting • **Command Prompt** – Basic Commands and Navigation • **File Explorer** – File Management, Creating & Organizing Folders	5
Unit III	**Microsoft Office:** • **Basic Introduction** – Overview of Microsoft Office Suite • **Microsoft Word** – Document Creation, Formatting, and Editing • **Microsoft Excel** – Basic Formulas, Functions, and Data Management • **Microsoft PowerPoint** – Creating and Designing Presentations	20

Unit IV	**Basic Fundamentals of Python, HTML, and CSS:**
	
	• **What is a Programming Language?** – Definition and Importance
	• **Python:**
	  o What is Python?
	  o Features of Python
	  o Installation of Python
	  o Python Variables and Data Types
	  o Basic Operators (+, -, *, /, %, //, **)
	• **HTML:**
	  o What is HTML?
	  o Basic HTML Tags (\<html>, \<head>, \<body>, \<h1> to \<h6>, \<p>, \<a>, \<img>, \ , \ , \ , \<table>, \<tr>, \<td>)
	• **CSS:**
	  o What is CSS?
	  o Basic Styling – Colors, Fonts, Borders, Backgrounds
		10

Unit V	**Uses of Internet and Emails:** • **Introduction to the Internet** – Definition and Uses • **Applications of the Internet** – Browsing, Online Services, and Communication • **Introduction to Email** – Definition and Importance • **Basic Email Usage** – Creating, Sending, Receiving, and Managing Emails.	6

SUGGESTED READINGS
• Microsoft Office 365 All-in-One for Dummies by Peter Weverka, Covers Word, Excel, PowerPoint, and other Office applications with practical examples and tips. • Excel 2019 Bible by Michael Alexander, Richard Kusleika, and John Walkenbach, An in-depth guide to Excel 2019, offering comprehensive coverage from basics to advanced features. • Effective Java by Joshua Bloch, A comprehensive guide focusing on best practices and advanced programming techniques in Java. • Java: The Complete Reference by Herbert Schildt, A detailed reference book covering Java SE 11, suitable for both beginners and experienced programmers. Learning Python by Mark Lutz, A comprehensive guide to Python, suitable for both beginners and experienced programmers .

ASSESSMENT	
COMPREHENSIVE ASSESSMENT (20)	**PERIODIC ASSESSMENT (80)**
• Project Work • Term Paper • Essay Writing • Inter forum Debate • Extempore • Quiz	Practical: 50 • CBT Evaluation • Online Test • Objective Test • Class Assignment • Home Assignment • Paper Presentation
	Viva-voce : 20 • Oral Exam • Group Discussion • Role Play • Quiz
	Class Performance : 10

ELIGIBILITY CRITERIA

- Academic Qualification: Qualified Class VIII or equivalent level of examination
- Age: No bar
- Gender: No bar

OTHER DETAILS

- Duration of the Session: 4 Months
- Total Hours: 45
- Mode of Instruction: Offline
- Medium of Instruction: Bengali, English & Hindi
- Technique of Instruction: Lecture, Audio Visual Presentation, Group Discussion Counselling & Guidance, and Special Seminar.
- At the end of the course, all the participants will be given certificates by Swami Vivekananda Research Centre (SVRC), Ramakrishna Mission Vidyamandira.
- During the conductance of the course the decision of the college authority is final.

BOSE HOUSE CAMPUS : AT A GLANCE

Our Courses

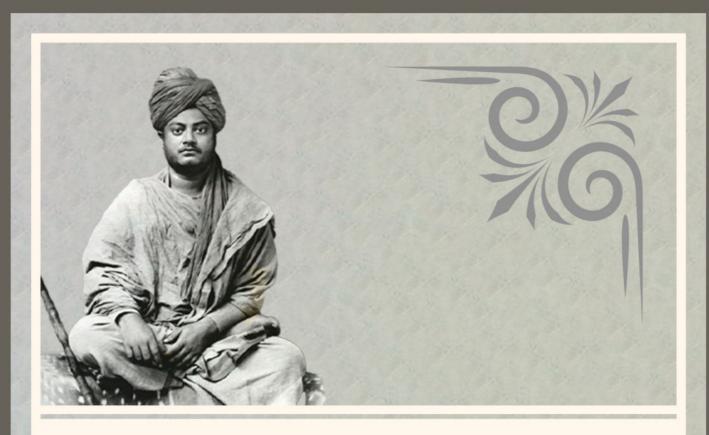|	
Digital Skill : From Basic to Advanced	Indian Philosophy : Vedanta
Communicative English	Indian Mythology : Shrimad Bhagavatam
Modern Journalism	Apprication of Indian Art & Crafts
Drawing & Music Classes	Apprication of Indian Music
Students Mental Crisis & Intervention	*SEE ALL COURSES*

Admission Helpline
9330353357 / 6289905704

For More Information
rkmvmbosehouse.com

FOLLOW US ON

"শ্রীরামকৃষ্ণ ও স্বামী বিবেকানন্দের নিকট আমি যে কত ঋণী তাহা ভাষায় কি করিয়া প্রকাশ করিব ? তাহাঁদের পূণ্য প্রভাবে আমার জীবনের প্রথম উন্মেষ । 'নিবেদিতার' মতো আমিও মনে করি যে, রামকৃষ্ণ ও বিবেকানন্দ একটা অখণ্ড ব্যক্তিত্বের দুই রূপ । আজ যদি স্বামীজি জীবিত থাকিতেন, তিনি নিশ্চয়ই আমার গুরু হইতেন - অর্থাৎ তাঁকে নিশ্চয়ই আমি গুরুপদে বরণ করিতাম । যাহা হউক, যতদিন জীবিত থাকিব ততদিন 'রামকৃষ্ণ-বিবেকানন্দের' একান্ত অনুগত ও অনুরক্ত থাকিব, একথা বলা বাহুল্য।"

<div align="right">- সুভাষচন্দ্র বসু</div>