



INTRODUCING
globsyn finishing school



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About Globsyn



Globsyn is a global outlook firm with deep domain competencies in
**Education, Technology
and Infrastructure.**

Globsyn has left a mark in each of the verticals that we work in and have many firsts to our name, which includes pioneering the **Knowledge Finishing School™ System** in India, in 1997. We have conceptualized and implemented, in 1996, India's first truly intelligent 'Plug n Play' infrastructure – 'Infinity', the model around which Software Parks have been developed in India.

Founded by a technology entrepreneur of international repute, Mr. Bikram Dasgupta, Globsyn has always pioneered changes in the education system as it strives to impart exposure to the latest technology trends, from across the globe, to its students. Over the years a significantly large number of students have been exposed to Globsyn's pedagogy and are now working for some of the best domestic and international companies in India as well as abroad.

Management Team

Bikram Dasgupta

Founder and Executive Chairman, Globsyn Group

Bikram Dasgupta is the Founder and Executive Chairman, Globsyn Group, with interests in Information Technology, Education and Technology Training. An alumnus of Harvard Business School and Indian Institute of Technology, Kharagpur, Bikram Dasgupta is among the early pioneers of the Indian Information Technology Industry and has witnessed the emergence of the Indian IT Industry from garage start-ups to billion-dollar behemoths.

A technologist, innovator, visionary and a passionate speaker, Bikram was among the core group of professionals who joined HCL in its infancy and his contributions, as one of the key Market Development Managers, have gone a long way in establishing the market presence that HCL commands today. An out-of-the-box thinker, who strongly believes in 'ordinary people can do extraordinary things...' whetted his formative entrepreneurial zeal by helping build Pertech Computers Limited (PCL).

As the Promoter-Director, he steered the company through the initial difficult years and took a leading role in managing a diverse set of functions ranging from Sales & Marketing, to International Business Development and new strategic projects, elevating the company to the position of No.1 PC manufacturer in India. He single-handedly won the single largest (US\$ 50 million) export manufacturing contract from Dell Computer, USA, for computer motherboards, which is still rated as the largest single contract in the computer hardware industry. He also set up India's first motherboard manufacturing unit and ramped it up to 10,000 motherboards/month production in 1994.

With the fast-changing IT landscape Bikram foresaw the need for a business model built around the fundamental concepts of Infrastructure and Institution to service the knowledge economy and in 1997 conceptualised Globsyn as a group of companies, which embodied that vision. To realise his vision of building an IT infrastructure of global standards in India, Bikram conceptualized and implemented, India's first truly intelligent 'Plug n Play' infrastructure – 'Infinity', the model around which Software Parks have been developed in the country. On the institution building front, it has been Bikram's lifelong zeal to develop young minds to enable them to face the challenges of the modern workplace and be productive from day one. It is in this mission that he conceptualized and pioneered the Knowledge Finishing School™ (KFS) System which bridges the growing gap between academics and industry through industry relevant programs in a world class infrastructural setting. This early innovator approach and concept, found expression through Software Finishing School programs at TECHNOCAMPUS in 1997, then known as the IBM Centre for Excellence. Over the years, 150000+ engineers have been trained in high-demand technology domains through the Software Finishing School programs.

Today under Bikram's tutelage Globsyn 3rd.Life has grown to be one of the largest IT companies set up in Bengal,



with over 1000+ executives working in the domains of FinTech and Artificial Intelligence. Bikram's venture into management education saw him setup Globsyn Business School (GBS) as India's First Corporate B-School. Driven by Bikram's vision of continuous innovation in management education for nearly two decades, the 3000+ alumni of GBS are currently working in mid to senior management roles in organizations across the globe.

As Bikram Dasgupta transits from a momentous and frenzied phase and embarks upon a new journey in his life, he is driven by an aspiration to build a more equitable social fabric through his foundation, which works in two distinct verticals – philanthropic activities for the underprivileged through Kalyani and benefactor to the people working behind the scenes in the areas of music, theatre and dance under the brand Calcutta Broadway.

Rahul Dasgupta

Director, Globsyn Business School

An alumnus of Durham Business School, UK and Wharton Business School, USA, Rahul Dasgupta, Director and Trustee, Globsyn Business School, leads the Group's forays in management education and technology training. He is the chief architect behind the pedagogical change in the academic delivery system of Globsyn Business School (GBS), the education vertical of the Group, which merges industry requirements with academic curriculum to build

industry-relevant managers through its Knowledge Finishing School™ System and eGlobsyn – a web 2.0 platform dedicated to the students. Rahul also spearheads the technology training vertical of Globsyn, which has trained over 150,000 engineering students through the years in various technology tracks like .NET, JEE, PHP, Oracle, Android and Azure among others, and has recently included subjects like Machine Learning, Data Analytics, Internet of Things and Blockchain. Globsyn Finishing School annually trains nearly 5,000 engineering graduates from 150+ colleges across India to equip them with necessary skills to join the Indian IT industry.



Romit Dasgupta

CEO, Globsyn 3rd.Life

An alumnus of Imperial College London, UK and Syracuse University, USA, Romit Dasgupta, CEO, Globsyn 3rd.Life, is a serial entrepreneur who has brought in a fresh breath of energy into the operations of the Group's technology vertical that he spearheads. Romit has helped build companies from the scratch, and has deep domain knowledge in payment solutions (SWIFT). The various FinTech products developed under his mentorship offers a range of sophisticated and advanced technology solutions in the transaction monitoring space for banks and financial organizations. He is also an Angel Investor and has a Patent (pending) in the FinTech IOT space. Romit has been a prolific speaker at various seminars and forums including TiE, Indo-American Chamber of Commerce and the House of Commons (UK). His team building and people skills sees him deftly managing a team of more than 1000+ executives across multiple location in India and abroad, as well as taking up leadership position in several youth organizations. He also served as the Chairman of CII-Young Indians (Kolkata, India), the Youth Wing of Confederation of Indian Industries, the largest Industry body in India. Romit also looks after the Corporate Finance and Strategic Investment of Globsyn Group and has been instrumental in bringing fiscal discipline into the system.





About Globsyn Finishing School

Globsyn understands the paradigm shift in the quality of professionals required by the industry today, and the need for engineers to keep abreast with all new technology skills and understand all facets of business. **Globsyn Finishing School (GFS)**, under the aegis of Globsyn Knowledge Foundation, is an extension of Globsyn's training programs for engineers and corporates. GFS aspires to mould under-graduate engineers into successful knowledge workers in the IT industry by providing training in high-demand training verticals like Big Data, Hadoop, Angular.JS, .Net, Machine Learning, Data Analytics, Internet of Things, Cloud Computing, Blockchain and others in a world-class infrastructural setting. Students of GFS are facilitated by industry veterans and exposed to various real-life projects, which help them put their knowledge into practice and become deployable resources right from the day they are recruited in an organization. Over the years nearly 180,000 engineers have been exposed to this curriculum and are now working for some of the best domestic and international companies in India as well as abroad by getting trained in new-age technologies.

GFS SCORECARD



16

Technologies



183,880

Students



157

Colleges



17

States

Legacy



GFS has had a formidable parentage in Globsyn – India's first 'IBM Centre for Software Excellence'; the pioneer of the Knowledge Finishing School™ System in India; the only institution to seamlessly blend together 'Infrastructure' and 'Institution'; the first Indian software organisation to bring dedicated business networking to India and contribute to the technology training industry – Young Software Manager (YSM), the only technology training product to date that brings together 'technology', 'management' and application skills into a single, back-to-school, curriculum.

“

Software engineering and programming was more about ‘aptitude’ than possessing ‘knowledge’. Being armed with knowledge without possessing the right aptitude was a sure recipe for disaster. This formed the core of the reasoning for our YSM programme and we made sure that candidates had the right ‘aptitude’; knowledge was something as a subject that we could deal very well with.

- Bikram Dasgupta

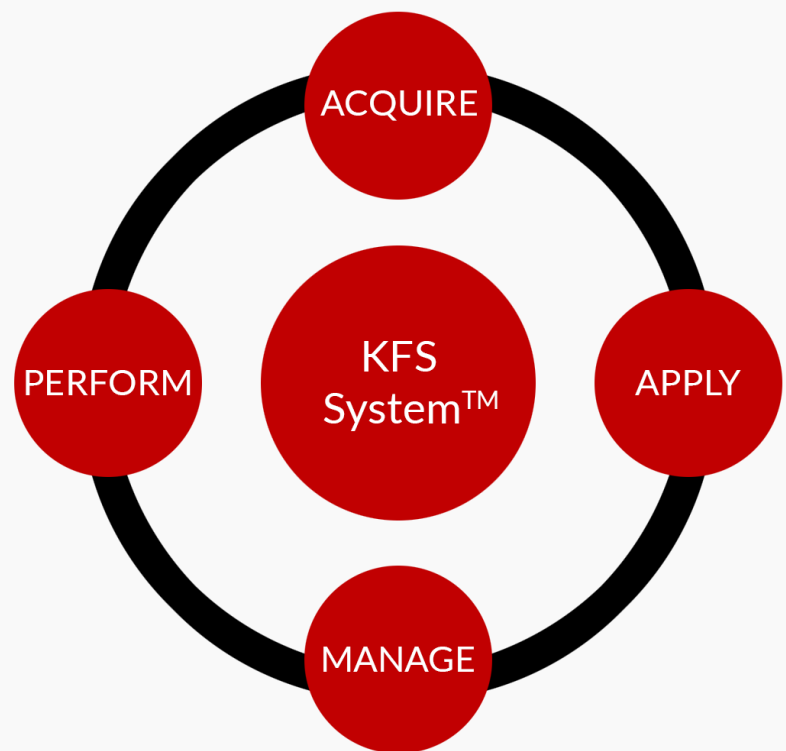
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Pedagogy

The pace at which the global economy and corporate world are evolving – skill sets that were relevant even 5 years ago are impertinent today. Today's youth, with the huge penetration and access to brontobytes of data, require a learner-centric technology-enabled pedagogy. Armed with the help of its state-of-the-art quality of innovation, research, technology and global networking techniques, Globsyn tries to address this challenge through its KFS™ System.

The Globsyn KFS™ Pedagogy is based on the '**Knowledge Diamond™**': a pedagogy style that teaches the individual about the steps beyond **acquisition** of knowledge itself; the **application** of knowledge, its continuous **management** and ultimately **performance**. The pedagogy inculcates an extremely vital life-skill, which is a highly prized asset that every student of Globsyn Finishing School carries with them; to be practiced, in a continuous cycle, throughout their professional career.

The KFS™ System has been conceptualized and developed as an industry insider's answer to creating institutions that bridges the gap between the 'industry' and the 'academia' while creating 'Industry Ready' engineers. As an 'out-of-the-box' solution, the KFS™ system has at its core the '**Talent Transformation Engine (T₂E)**' with its own pedagogy, knowledge dissemination methods & processes and assessment systems backed by a dedicated research and development team that constantly improves and updates the system based on evolving industry needs.



T₂E has been conceptualized and developed to achieve, among others, the following major outcomes:

- Optimum knowledge acquisition
- Ability to apply knowledge in a live environment
- All round holistic development of an individual mapped to critical 'employability' skills
- Performance orientation

At GFS, it is ensured that, the programs are delivered based on the KFSTM System, which means that the students of GFS are trained and developed to apply the knowledge acquired in class from the day they are part of the global corporate workforce.

Technologies

Globsyn has always pioneered changes in the education system as it strives to impart a global exposure to its students. Since its inception in 1997, Globsyn has implemented the KFSTM System to equip its students with information and global management skills for the growing IT industry in India. These training programs are designed to encourage engineering students to utilize their vacations by learning and developing their IT skills, gearing them for their future IT careers. Some of the technology tracks offered by Globsyn Finishing School are:

Machine Learning using Python



The key advantage of machine learning is that it enables computers to access hidden insights, finding patterns that can either be used by researchers to find unknown patterns (as might be used for movie recommendation) or by businesses to find insights into customer behaviour or to target potential new consumers. Machine learning not only helps find things that people may not, it also does what people do far more quickly. Machine learning algorithms tend to operate at expedited levels. Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.

Curriculum

- Getting started with Python
- Number Processing with Numpy
- Database operations with Pandas
- Data Visualization with Matplotlib and Seaborn
- Fundamentals of Machine Learning
- Hello World of Machine Learning :Perceptron algorithm using Numpy
- Implementing Regression using Scikit-learn Module LinearRegression
- Classification using scikit-learn : LogisticRegression
- Feature Selection : importance and implementation using Scikit-learn
- Non Linear classification using Decision Tree
- RandomForest and ideas of Bootstrapping and Bagging
- Classification using Bayesian Theory and Naïve-Bayes
- Non Parametric Machine Learning Algorithm : K nearest neighbour(kNN)
- Unsupervised learning using K-means cluster
- Project

Big Data Programming using Hadoop



Data is key to every decision making. Efficient processing of data gives trends, hidden pattern along with many other aspects and all of them have immense importance for a business organization to strategize, positioning etc. Larger the amount of data better the result. Not so long back access to a large amount of data was very difficult. But today due to our access to the Internet and cheap sensors it is possible to access very high volumes of data that require thousands of computers to store and process them. These data are not only very large but also unstructured. These are commonly referred to as BigData. Traditional data processing technologies are incapable of handling such a large volume of data. Hadoop is a solution to this problem. Hadoop is an open-source software framework for storing data and running applications on clusters of commodity hardware. It provides massive storage for any kind of data, enormous processing power and the ability to handle virtually limitless concurrent tasks or jobs.

Curriculum

- Necessary Java Knowledge for Hadoop
- Introduction to BigData and Hadoop
- HDFS
- Introduction to MapReduce
- Pig
- Hive
- NOSQL Database Management using HBASE
- Project

Data Science using Python



Data analysis is important in business to understand problems faced in an organisation, and to explore data in meaningful ways. Data in itself is merely facts and figures. Data analysis organises, interprets, structures and presents the data into useful information that provides context for the data. This context can then be used by decision-makers to take action with the aim of enhancing productivity and business gain. Python language provides the necessary tools and techniques for the purpose of data analysis.

Curriculum

- Python Language Basics
- Build-in Data Structures, Function
- Numpy Basics: Array and Vectorized Computation
- Pandas
- Data Loading
- Data Cleaning and Preparation
- Data Wrangling: Join Combine, Reshape
- Plotting
- Data Aggregation and Group Operations
- Introductory Statistics
- StatModels : Statistical Model creation
- Project



Android App Development using Studio 3



According to StatCounter, market share of Android is 76.61 %. At the same time number of people using smartphone to theirs day to day work is increasing. It is expected to reach 2.7 billion by 2019. These fact underlines the importance of Android App Development as any business organization will try reach customer through Android powered app. This course will take the students through the various intricacies of Android App Development using Studio 3.

Curriculum

- Revising Java
- Android Architecture
- Developing a simple Activity
- Android Intents
- Android Menu
- Activity lifecycle
- Fragments
- List View
- Material Design Controls
- Thread
- Service
- Broadcast Receiver
- Notification
- Location and Google Map
- Firebase
- Project

Web Application Development using JEE



JEE is a widely accepted platform for Enterprise Software development. One of the unique features of JEE, providing infrastructural service for Enterprise-grade software, makes it a natural choice for Enterprise Software development. JEE is built based on open standard philosophy, which enables easy integration of external framework like Spring, Hibernate etc. making JEE more relevant for the industry. As JEE is based on Java, it inherits all features of Java.

Curriculum

- Collection Framework
- JDBC
- HTML
- Intro to JEE Framework
- Different types of modules in JEE
- Introduction to HTTP
- Introduction to Servlet
- Request forwarding
- Java Server Pages
- Session Handling
- MVC
- Project

MVC Framework for building PHP Application



Model View Controller framework in PHP is a tool built for those who required a simple, yet elegant toolkit to build fully-featured web applications. It requires nearly zero configurations, with no restrictive coding rules, and offers simple solutions to complex application requirements. The framework has a rich set of libraries for commonly needed tasks, as well as a simple interface and logical structure to access these libraries. It's exceptionally fast, as its core system only requires a few small libraries, with additional libraries loaded dynamically upon requests, based on your needs for a given process. The MVC controller approach allows great separation between logic and presentation, particularly useful for projects in which designers are working on template files. At the end of this course participants will be fully equipped to develop smart, responsive web application using PHP MVC framework.

Curriculum

- Introduction to Web Development
- xHTML Basics
- Introduction to CSS
- Introduction to JavaScript
- Introduction to PHP
- PHP Control Structure
- Functions in PHP
- Sessions and Cookies in PHP
- File Handling using PHP
- Object Oriented Programming Using PHP
- MySQL Database handling using PHP
- Implementing Security
- Project

Application Development in ASP.NET using MVC



At the end of this course, participants will be able to develop advanced ASP.NET MVC applications using .NET Framework tools and technologies. The focus will be on coding activities that enhance the performance and scalability of a web application. ASP.NET MVC will be introduced and compared with Web Forms so that participants know when each should/could be used. This course will also prepare the participants for Microsoft certification exam 70-486.

Curriculum

- Collections, Generic collections
- Introduction to ASP.NET
- ADO.NET and database connection
- Lambda expression, LINQ concepts
- LINQ To Objects. Linq To SQL, LINQ to XML
- CRUD operations using MS SQLServer DB
- HTML 5
- CSS3
- JQuery
- MVC Architecture
- Routing in MVC
- Controller, Action Method/Selectors, ActionVerbs
- Model Binding and validation
- Layout view and other views.
- Filters and action filters
- Authorization and Authentication in MVC
- Windows Communication Foundation (WCF) overview
- JSON v/s XML
- Web API, Integration with Web Services
- Entity Framework
- Project



To further increase Globsyn's footprints in the domain of AI, Globsyn 3rd.Life – the technology vertical of the Group – with rich expertise in FinTech products, AI services and over 1000 young minds working in its AI Lab across 6 states, has partnered with GFS to build a resource pool of trained engineers to fill the currently available open positions and future requirements. In light of the same, Globsyn Finishing School also offers skill-development training to aspiring learners on the following emergent technologies:

- IOT App Development
- Cloud Computing with Amazon Web Services
- Mastering Web App using REACT.JS and Redux
- AI and Deep Learning with Tensorflow

At the recently concluded Annual Convocation of GFS, where 2000+ engineering students from 115+ colleges got convoked, Globsyn 3rd.Life handed out 100+ paid apprenticeship offers to the best minds of the batch, allowing them an opportunity to start their career in the AI domain.

Learning Programmes

With the rapid change in Technology and Methodology, the competition today is much greater than ever before. The Industrial scenario needs constant technical enhancements to cater to the rapid demands. With this picture in mind, Globsyn Finishing School has been conducting several short and long term courses on different/latest technologies with industry oriented designed curriculum, keeping in view the latest industry trends and needs – making them one-of-its-kind ‘industry readiness’ programs.

Over the years, we have disrupted the traditional technological training domains by catering to the market demands of latest high-end technologies, and this is prevalent in the courses offered by Globsyn Finishing School; which are as follows:

GLOBSYN SUMMER SCHOOL

Globsyn Summer School began in 2004, in response to the demand for professionally-driven technology program tracks. Each program track in this summer training is designed keeping in view the latest industry trends and needs - making it a one-of-its-kind 'industry readiness' program. Held during the summer vacations in Kolkata, the engineering students will get to master Web App using React.JS and Redux or pursue a course in UI/UX Development using JavaScript and Node.JS, get trained in Android App Development or be proficient in Machine Learning among others.

Globsyn Summer School encourages engineering students to utilize their summer vacations by learning and developing their IT skills, gearing them for their future IT careers. Projects done during summer school are recognized by WBUT as part of the vocational training mandate.



GLOBSYN WINTER SCHOOL



Globsyn's winter training program known as Winter School began in 2005, in response to the popularity of the Summer School and the demand for professionally driven technology program tracks. Held during the winter vacations, the engineering students will get to pursue Cloud Computing courses or do Big Data, Hadoop or Python training in Kolkata among other new-gen technologies.

Globsyn Winter School encourages engineering students to utilize their winter vacations by learning and developing their IT skills, gearing them for their future IT careers.

FINISHING SCHOOL TECHNOLOGY TRACK

Finishing School Technology Track (FSTT) is a technology program offered by Globsyn Finishing School to college students at their campuses. During this technology program, FSTT faculties visit campuses of interested colleges to train students in batches of at least 40 students. FSTT courses are offered at two levels, the Beginners Level and the Advance Level.

At beginner's level, this technology program teaches the basics of a technology module for two to three weeks by following KFS™ system of pedagogy. Advance level is a three months long course, which is an abridged version of YSM. Pedagogy at this level is totally based on KFS™ system and evaluation is done as per YSM standards.



TOTAL SOFTWARE PROFESSIONAL



Total Software Professional (TSP) program is a day-one contributor to any technology project, and is tailor-made for high-aptitude engineering graduates who want to be 'application-ready'. As a flagship program of the Globsyn Software Finishing School System, TSP has earned an enviable reputation among the technology and student community alike for its quality, in-depth technology and management curriculum and a highly proficient faculty. Over 200 colleges have endorsed this program and 300+ global and domestic corporates have hired TSPs.

The key to the success of students undergoing the TSP program lies in our moulding and mentoring of willing minds for challenging, fast-track global careers, and not just for any run-of-the-mill, routine 'jobs'. The hard work and focused learning environment, along with the TSP advantage, makes our students aspire and achieve for careers that are challenging, professionally rewarding and with a very high degree of lateral movement.

BCA & MCA MAJOR PROJECT

To assist students in the final semester of BCA and MCA, Globsyn Finishing School designed a compendious BCA and MCA Major Project as a part of their curriculum before they graduate. Under an umbrella of its Project Development and Training module, students are exposed to an in-depth theoretical grooming so as to refine their developmental competency and work on projects in line with real-life applications. Upon successful completion of the project, they are awarded with a certification from GSDL in partnership with National Skills Development Corporation, Govt. of India.



YOUNG SOFTWARE MANAGER IN DATA SCIENCE



The Young Software Manager in Data Science (YSM-DS) program offered by GFS is designed to prepare students into successful Data Science professionals for a global platform, by equipping them with relevant knowledge and skills to handle huge amount of unstructured data from beginning to end for any number of real world contexts. The YSM-DS program consists of learning and application in data collection, statistical operations, processing, analysis, visualization, reporting, intervention and multiple real life projects. In addition, the students will master the craft of creating predictive models through Machine Learning and Deep Learning Algorithms. The YSM-DS program will also enable them to draw conclusions and inform decisions with data, while maintaining the ethical considerations of data use.

International Projects

Conducting Employability Skills Training programme funded by World Bank

Globsyn Finishing School has been awarded a World Bank funded project by one of the leading engineering colleges in Odisha, for imparting Employability Skills Training to pre-final and final year students, under TEQIP III designed by NPIU. Under this contract, Globsyn Finishing School trained 1100 students within a span of 3 months and eventually moulded them into industry-relevant engineers, who were able to hit the ground running and contribute to an organisation's success from day one.

Partnering with Ernst & Young for skill-development training of undergraduates in Bangladesh

Globsyn Finishing School, in a notable collaboration with one of the Big Four, Ernst & Young, exported 50 Sector Skill Council certified trainers to provide skills training to undergraduate students in Bangladesh. Having played the role of a talent partner to Ernst & Young, who had entered into a contract with World Bank and the Bangladesh Computer Council to impart ITes Foundation Skills training and Top-up IT training to undergraduate students, GFS was able to expand its global foothold of skill-development initiatives and thereafter take a step towards making India a skilled resource hub.

Competency Profile

Instructional Research And Design (IRD) Team

As a part of Globsyn Finishing School, the Instructional Research and Design (IRD) team had its genesis in the popular Young Software Manager Programme that Globsyn had conceived as a first of its kind attempt in India to integrate technology skills and management skills under the Knowledge Finishing School system. In all the training programmes that the GFS delivers, research in new technologies becomes the primary focus and the IRD team is instrumental for this. Research, dissemination of knowledge and the application of knowledge for industry requirements makes the GFS training modules sought after in all parts of the country. Globsyn's IRD team not only have industry experience, their academic background gives them the requisite theoretical understanding required to shape fresh software enthusiasts as industry-ready engineers.



Kaushik Ghosh

(Cloud and Machine Learning Specialist)

Kaushik is a Cloud and Machine Learning specialist, having more than 18 years of experience in the software industry. At Globsyn Finishing School, his primary responsibility consists of imparting training to engineering graduates, IT professionals working in IBM, TCS, Tech Mahindra, Wipro and other leading IT corporates. Kaushik has also imparted training at various universities in Bangladesh, under the program of Digital Bangladesh, funded by World Bank. Besides this, he also develops pedagogy and various artifacts required for imparting software training.



Titas Roy Chowdhury

(Data Science and Mobile App Specialist)

Titas has completed his management education from Globsyn Business School in Finance and has more than 20 years of experience in the software industry, amongst which he has served as a Data Science professional and Mobile App Developer for 8 years. A graduate in Mathematics from University of Burdwan, he also has a post-graduate certificate in Applied Computer Science from CMC Ltd. With a vast experience of training in a number of reputed IT training institutes in Kolkata, Titas has trained nearly 10000 students from various engineering colleges as well as employees from various IT corporates.

Empanelled Faculty

Globsyn Finishing School has a rich coterie of an empanelled faculty team, who packs in a more than 200 years of corporate experience together. With several decades of academic achievements, which run miles long, these luminaries and scholars from various high-tech domains like AI, IoT, Machine Learning, Cloud Computing, .Net, Data Sciences amongst others, are well attuned to the latest technology trends that are the toast of the current global IT job market. Over the last two decades, the GFS faculty team have conducted over 1000 workshops and trained more than 150,000 budding engineers, as well as imparted corporate training to several esteemed organisations like IBM, CTS, TCS, Coca Cola, Siemens, Cap Gemini, Verizon, Accenture, Ericsson, Deutsche Bank, HCL, Tech Mahindra, Wipro, amongst others.



globsyn **finishing school**

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