



180,000+
trained
over the years

2000+
trainees
convocated in 2019

115+
colleges
represented in 2019

100+
paid apprenticeships
offered in 2019

globsyn finishing school

Globsyn is a global outlook firm with deep domain competencies in Education, Technology and Infrastructure. We have left a mark in each of the verticals that we work in and have many firsts to our name, including 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.

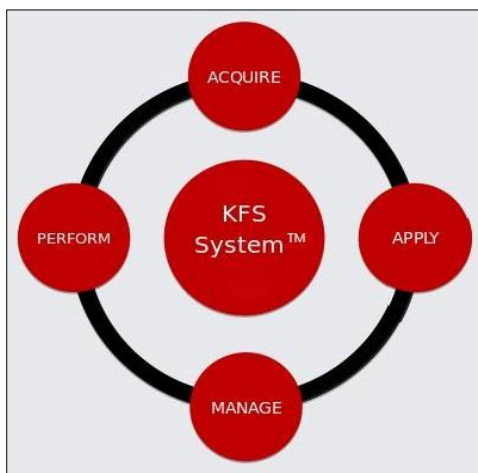
Founded by a technology entrepreneur of international repute, Mr. Bikram Dasgupta, Globsyn has always pioneered changes in the education system as it strives to impart exposure to the latest technology trends, from across the globe, to its students. Over the years a significantly large number of students 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.

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. 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.

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. GFS aspires to shape under-graduate engineers into successful knowledge workers in the IT industry by providing training in high-demand training verticals in a world class infrastructural setting.

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 KFS™ 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 KFS™ System to equip its students with information and global management skills for the growing IT industry in India. Engineers and corporates can now pursue new-age technologies like Machine Learning, Data

Analysis with Python, Big Data, Cloud Computing, Angular.JS, .Net, JAVA courses in Kolkata, through Globsyn Finishing School's training programs.

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
- Big Data Programming using Hadoop
- Mastering Web App using React.JS and Redux
- Android App Development using Studio 3
- Data Science using Python
- Web Application Development using JEE
- MVC Framework for building PHP Application
- Application Development in ASP.NET using MVC
- Application Development using Java 11 and Swing
- Database Programming with Oracle 11i & developer
- UI/UX Development using JavaScript and Node.JS
- Digital Marketing
- Aptitude and Algorithm Building

Programs

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 wants 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.

GLOBSYN EMPLOYABILITY ENHANCEMENT PROGRAM (GEEP)

Globsyn Employability Enhancement Program (GEEP) is designed with the purpose to make students more employable and placement-friendly. GEEP will enhance the employability quotient of the students and give them that much-needed edge in the hiring process through programs like Digital Marketing, Aptitude Skills, Microsoft Office Suite proficiency etc.

After the completion of this module, the students are able to:

- Possess more confidence in cracking job interviews
- Adept in meeting challenges posed by the recruiters in various elimination rounds
- Exhibit various levels of skills as expected by the recruiters

Globsyn Employability Enhancement Program ensures that after the successful completion of this program, the students are equipped with the right blend of knowledge, skills and attitude needed to be successful in the corporate world.

Faculty

Any institution that sets out to meet global standards of dissemination of knowledge must start on a powerful foundation of high quality faculty team. GFS, to facilitate high-end technology training has assembled a powerful mix of academicians, industry professionals and luminaries from different high-tech domains. This coupled with the unique and innovative KFS™ System and Globsyn's own experienced **Instructional Research and Design (IRD)** team strives to instil into the young engineers an attitude of life-long learning that is critical in this millennium of knowledge capital.

- **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.
- **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.

Projects

Today's youth, with the huge penetration and access to brontobytes of data, require a learner-centric technology-enabled pedagogy. Based on the unique KFS™ system, GFS ensures that its students are equipped with acquisition and application of knowledge, through engaging in myriad of hands-on projects involving the latest technologies as part of the curriculum architecture. Some of these projects, from a few select courses, are listed below:

Machine Learning

- ***Predict burned area of Forest Fires using Meteorological Data:*** Challenge of this project is to predict total burned area due to forest fire. Predictions to be done by factoring in wind speed, rain quantity, temperature and other meteorological data so that accurate contingency plan may be created. This is a challenging Regression problem in machine learning that involves visualization, feature selection, cross validation etc.
- ***Predicting Interview Attendance:*** Every HR recruitment agency faces problems candidates not turning up for interviews. In this project, the main challenge is to predict whether a candidate will turn up for the interview or not. The data-set is messy with lots of missing

values. All the features are categorical. This is a classification challenge which involves pre-processing, cross validation and model building with lots of classification algorithm.

- **Detecting Fraud in Financial Transaction:** With increased focus in digital transaction, chances of having fraudulent transaction have also increased. If fraudulent transactions are not detected and prevented accurately, trust on the system will be destroyed. This project aims to predict whether a transaction is fraudulent or not. This is a difficult classification problem, where positive cases (fraud) are abysmally low compared to negative cases (no fraud). As a result, every model tends to predict every transaction non-fraudulent.
- **Predicting Employee Attrition:** Every organisation loses an asset when a performing employee leaves. One of the Key Performing Areas of the HR Department of an organization is to gauge who is going to leave and take appropriate measures. This project aims to build a Machine Learning model that predicts whether an employee is about leave or not. The project caters to a very interesting data analysis problem that provides enough insights about factors that influences employee attrition.
- **Predicting Claims Category:** Reputation of an insurance company largely suffers when it fails to solve a claim on time. But due to several reasons like technical problems etc., insufficient details in information may delay claim process. This project aims to classify every claim into two categories: those that can be claimed in a short span of time and those that take longer period of time. Dataset is a mix of continuous and categorical data. Pre-processing and cleaning poses the main challenge.

Data Science with Python

- **Disease vs. Symptom Analysis:** The purpose of the application is to analyse the possible diseases for a given set of symptoms based on a dataset of 40,000 records under various dependent and independent variables. Before analysis, proper sanitization and engineering of data was done through various tools in python like scatter plots, histograms etc. Once the sanitization was done, analysis was made and depicted pictorially for the diseases based on symptoms.
- **Trend Analysis of Terror Attacks:** Through this application, analysis was done to depict the trend of terror attacks globally based on a dataset of 143,000 records under various dependent and independent variables. After proper sanitization and engineering of the data through various tools of python, detailed analysis was done on various parameters to depict the trends of terror attack. For example, analysis to depict the frequency of attack done by a particular group at a religious place in the country of United Kingdom.

Web Application Development using ASP.NET

- **Identifying Fraudulent Credit Card Transactions:** The goal of the application is to identify the transactions done through a registered credit card that are fraudulent. The model was created based on Hidden-Markov-Model where a pattern was built through a defined number of initial transactions and matching the subsequent transactions with the pattern and finally arrives at a conclusion that whether the transaction is fraudulent.