

Project Drona



Initiative



Powered By



About the Partners



HYSEA is an industry association powered to transform Telangana's IT & ITES industry into a global force.

Their objectives are -

- Partner with Regulatory Agencies
- Build Hyderabad as the IT & ITES destination of Choice in India
- Competency development



The key focus at Telangana Academy for Skill and Knowledge is to enhance employability quotient of young graduates in our state and enable them to choose multiple avenues as they graduate. TASK enables a collaboration platform between Government, Academia and Industry to enhance skilling, research and entrepreneurship among youth in Telangana. Some of the key objectives are -

- Soft skill development programs for graduates
- Faculty development programs at colleges
- Initiatives that nurture product innovation and entrepreneurship



Infosys Springboard's holistic set of 12,300+ courses, virtual labs of digital technologies and life skills on Infosys Springboard program, takes advantage of Infosys' 4 decades of rich experience in employee and broad-based student competency development. The learning program is particularly well-suited to grow vocational skills in addition to soft skills, and is fully aligned with India's National Education Policy 2020. Masterclasses from experts, programming challenges, practice areas for experimentation make the training immersive for all. The assessment formats that follow are new-age ready with certification for learners who pass the virtual proctored examination. The various learning initiative also includes career guidance program, focused initiatives for women and girls and facilitating accessibility friendly learning for differently-abled learners.

Project Drona

ABOUT PROJECT DRONA

HYSEA Project Drona is an experimental learning program with a vision to empower the faculty members in the state of Telangana, who teach subjects in Computer Science, IT and related fields, with the most in-demand modern day technology needs of the IT industry.

The learning outcomes of this program are envisaged as follows -

- Gain an understanding of niche technology skills needed in the industry for new age roles
- Gain exposure to the nuances and working of the IT industry
- Ability to code and gain awareness on developing enterprise applications
- Understand the process of software development

ELIGIBILITY

Any faculty in the state of Telangana teaching Computer Science, IT or related subjects in engineering, BCA, MCA, B.Sc and polytechnic institutions are eligible to participate.

TRACK DETAILS AND DURATION

Track	Duration
Full Stack - Angular/React	8 weeks
AI/ML	8 weeks
Digital Transformation	4 weeks

Course Work	Certification Eligibility
12 weeks of course work	HYSEA Certified Faculty Member + Faculty Immersive experience in IT Industry
8 weeks of course work	HYSEA Certified Faculty Member "HYSEA Certified Faculty in Full Stack Angular/ React/AI&ML/ Digital Transformation"

FACULTY IMMERSIVE EXPERIENCE IN THE IT INDUSTRY

The faculty will be an observer for two days. Faculty will spend discovering the Project Management process in one of the HYSEA member organizations and knowing different IT emerging technology practicing expert's roles & functions.

You will learn:

- How programs get executed
- What professional behaviours are expected in organizations
- Faculty immersive experience will be observing an IT practicing expert to gain a better understanding of the role.
- Gain understanding of day-to-day work in the IT industry spanning different roles.
- Agile practices - Stand up, team meetings, work culture, various collaboration ways
- Introduction to various roles & responsibilities

Learning Paths

TRACK 1

COURSES	COURSE DESCRIPTION	TOPICS
Artificial Intelligence (AI) / Machine Learning (ML)	This track will provide a high-level overview on Artificial intelligence (AI) and will expose the learners to various AI concepts like AI real life examples, Machine Learning, Data Science, NLP and RPA.	<ul style="list-style-type: none"> Introduction to Artificial Intelligence Introduction to Data Science Programming Fundamentals using Python - Part 1 Python for Data Science Basics of Linear Algebra Exploratory Data Analysis Data Visualization using Python Probability and Statistics Regression Analysis Probability distribution using Python Statistical Interference using Python Machine Learning Fundamentals Explore Machine learning Introduction to Deep Learning Introduction to Natural Language Processing AI Primer [certification]

TRACK 2

COURSES	COURSE DESCRIPTION	TOPICS
Full Stack Developer – Spring and Angular	Full stack developers are the modern developers who are well acquainted with both front-end and back-end technologies. They can independently work on enterprise applications. This learning path will enable you in building Restful Webservices using Java and Spring. It will help you get acquainted with Angular to create lightweight web apps.	<ul style="list-style-type: none"> Java Programming Fundamentals Java Language Features Java SE 8 Features Unit Testing in Java – Junit Apache Maven Hibernate Framework – Basics Spring 5 Basics with Spring Boot Spring Data JPA with Boot Spring REST Practice certification HTML5 - The Language CSS3 JavaScript Creating Responsive Web Pages using Bootstrap 4 TypeScript Angular Practice certification Angular Associate Developer[certification]

TRACK 2

COURSES	COURSE DESCRIPTION	TOPICS
Full Stack Developer – Spring and React	Full stack developers are the modern developers who are well acquainted with both front-end and back-end technologies. They can independently work on web applications. This learning path will enable you in building Restful Webservices using Java and Spring. It will help you get acquainted with ReactJS to create lightweight web apps.	Java Programming Fundamentals Java Language Features Java SE 8 Features Unit Testing in Java - JUnit Apache Maven Hibernate Framework - Basics Spring 5 Basics with Spring Boot Spring Data JPA with Boot Spring REST Practice certification Spring Associate Developer[certification] HTML5 - The Language CSS3 JavaScript Creating Responsive Web Pages using Bootstrap 4 React JS Practice certification ReactJS Associate Developer[certification]

TRACK 3

COURSES	COURSE DESCRIPTION	TOPICS
Digital Transformation	The Digital Transformation track is designed to equip the faculty with an in depth understanding of vertical specific digital transformation use cases. This track allows the faculty to get a better insight of how businesses have reimagined themselves leveraging the power of digital.	Overview of Digital Transformation Expert Insights on Digital Transformation

Meet the Curators



Sairam Vedam

CMO at Cigniti | Forbes Business Council
Member | HYSEA Managing Committee Member
| Project Drona Intervention Leader

CMO and proud Brand custodian of Cigniti, the World's leading AI and IP Led Digital Assurance and Digital Engineering services company with brand footprint across 24 countries.

He Leads the Deeper Digital ambitions of the company. Oversees the planning and execution of the organization's strategic global marketing programs and works on the M&A programs of the company. His charter is to increase the brand resonance amongst customers, partners, analysts, media, investors, influencers & employees.



Meenakshi.S

Head of the Infosys Industry Academia
collaboration- Campus Connect

As an agile practitioner, corporate trainer, Head of the Infosys Industry Academia collaboration- Campus Connect, she helps people discover the importance of being industry relevant through upskilling & quality education. She is also a passionate courseware designer, is a Linux developer at heart and evinces interest in publishing intellectual property assets on learning models/pedagogies.



Shanti Devulapalli

Associate Director, Innovation Initiatives, HYSEA.
Program Manager – Project Drona

Shanti is responsible to foster innovation initiatives in the technology space, contributes to interventions that promote Talent transformation and focuses on creating an impact at the IT industry by rethinking traditional ways of work, exploring new avenues to implement innovative learning solutions, and constantly assessing the learning outcomes with a goal to ready the IT workforce for “future of work”. She is excited to be associated with Project Drona. The intervention will make a difference to the development of faculty in the state of Telangana.



Manisha Saboo

Delivery Head @ Infosys, Campus Head of Infosys Hyderabad SEZ & Indore and the President of HYSEA.

She has been awarded the “Women Achiever” in corporate world by Telangana Government. She is passionate about contributing to society by bringing out the best in women, encouraging them to dream big and then work to convert dreams into reality. She is a speaker at many forums and her papers have been published in conferences worldwide.



Shrikanth Sinha

As the CEO of TASK, his major role is enhancing the employability for the youth in Telangana under the Department of ITE&C, Government of Telangana.

He has been responsible for onboarding Govt. degree colleges and polytechnics, multiple industry partners as well enhanced the offerings at TASK. his priority has been to increase focus on the rural areas of the state as well as to promote skilling and placement of girls and the underserved communities. With the onset of the COVID pandemic, he has been spearheading the transition of conventional training programs to virtual (online and blended) mode, and initiated several webinar series on various subjects.

Point of Contact



For any queries on Infosys Springboard platform, reach out to
springboard-support@infosys.com

In case you are unable to get a response in 2 working days,
please write to

projectdrona@hysea.in

For any further information on Project Drona, feel free to contact
projectdrona@hysea.in