



Proposal For Xplore – Integrated Training

18th May 2023

– Submitted to BVC Group of Institutions

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1. About Us

Sunce Smart Solutions Private Limited is a subsidiary of Aceline Tech Solutions (Aceline), a niche technology solutions and services provider established in the year 2010. Aceline is an experienced and energetic team with domain expertise in the space of Agriculture, Education, Manufacturing, IT, Retail, Dairy, Financial Services, Public Sector and Electronics. Aceline offers specialized solutions in Artificial Intelligence, IoT, Analytics, RPA and having expertise in cloud solutions of SAP (Callidus, Hybris), Service Now and Salesforce.

Aceline always strives to keep itself ahead of the competition and keeps an eye on the global trends in the industry.

Aceline's other major offerings include IT Services and Staff Augmentation. We utilize our experience in the creation and implementation of processes and best practices that enable us to provide consistent service delivery

Through Sunce Smart Solutions, Aceline has a footprint of its own in the educational sector and is one of the organizations pioneering remote assessments and proctored assessments.

Initially developed to assist internal recruitments, Aceline commercially launched the platform in 2017 and started servicing the clients from early 2018. The services were re-branded as "Xplore" and is one of the industry firsts again to integrate online learning, LMS, assessments and recruitments all in one. Headquartered in Hyderabad, India, with Corporate Office in Vijayawada, Andhra Pradesh, Hayago Smart Solutions provides services globally and has associate partners in Singapore and Japan.

Our Mission

Develop & Deliver Content that makes learning simple, interesting & effective

Our Quality Focus

We utilize our experience in the creation and implementation of processes and best practices that enable us to provide consistent service delivery

Our Uniqueness

Our 3T Model (Talent Identification, Talent Grooming & Talent Deployment) sets us way apart and ahead from our competition. With focussed approach on *Talent Identification* (Software Platform), *Talent Grooming* (Trainings, Internships, Projects) and *Talent Deployment* (Placements) is making us the best partner for the Training & Hiring needs of various educational institutions and corporates.

2. Xplore Placement Club

A comprehensive service offering from Xplore that offers learning, assessments and placement assistance to the subscribers. Registered students get access to quality content, improve the basics of recruitment, take practice assessments, mock tests of most of the leading recruitment companies including TCS, Wipro, Accenture, DXC, Infosys, etc., practice on real time exam simulators, get ready for the placements and get first hand and priority access to the opportunities published on the platform.

3. Program Structure & Content

The entire program is aimed towards the engineering students across the 4 years of their education. The content is designed and segregated year wise so that the students need not hurry or be under pressure to get placed in their final year.

4. Program Effectiveness & Additional Support

To improve the effectiveness of the program and to aid the students build and leverage on the content delivery, Xplore offers its proprietary platform access to the students for a period of 1 year. In addition, Xplore will also send invitations to the students to any periodic programmes, talks, sessions, etc., that are hosted by the company.

This includes:

- Daily Assessments
- Recorded Video Content (of the trainings)
- Access to
 - Xplore' Exclusive Video Content
 - 10,000+ Practice Questions
 - Mock Tests of 30+ Companies
- Admin Access for the College:
 - Ability to create and administer own tests
 - Access performance reports of the students

The students are supposed to complete the assessments on time. We would share the reports to the college on a regular basis.

To sum up, below are the services that are offered along with this proposal:

#	Service	Details
1	Diagnostic Test	- A pre assessment is conducted before the beginning of the training
2	Online Learning Content for one Academic year	- 300+ video lectures of aptitude & programming - Level wise practice questions - Section & Topics wise tests
3	Company Mock Tests	- 30+ company specific mock tests - which include TCS, Wipro, Infosys, Capgemini, Deloitte, Cognizant and more
4	Post- Assessment Test	- Daily Practice Tests will be conducted before after the completion of the training
5	Comprehensive Reports	- TPO & Management will be shared with complete report of the pre-assessments with areas of improvement

Note:

1. We request the support from the college to ensure 100% active participation of the students to the program and 100% compliance to the assessments & assignments
2. The access to the platform does not include the access to the coding platform. If required, this will be made available at an additional cost
3. However, periodic coding assessments will be organized by Xplore for the students

5. Pricing – Pay after Placement

Module	Per Student Pricing
Xplore enrolment fee	Rs. 5,000 + GST

Note: For above mentioned Xplore Integration training minimum batch size should be 200 members

Day - Wise Planner

Day 1:

Introduction to Java and OOPs

- Introduction to object-oriented programming (OOP) concepts Classes and objects In Java
- Encapsulation, inheritance, and polymorphism
- Exception Handling

Day 2:

Advanced Topics in OOPs

- Abstraction and interfaces
- Abstract classes and methods
- Interfaces and multiple inheritance
- Polymorphism and dynamic method dispatch
- Packages and access modifiers
- Exception handling in Java

Day 3:

Strings and String Manipulation

- Introduction to strings in Java
- String creation and manipulation
- String methods and operations

- String concatenation and formatting
- Regular expressions and string pattern matching

Day 4:

Arrays and ArrayList

- Introduction to arrays in Java
- Array creation, initialization, and manipulation
- Multidimensional arrays
- Introduction to the Collections framework
- Working with ArrayLists
- ArrayList methods and common operations

Day 5:

More on Collections Framework

- Collection interface and its implementations
- List, Set, and Map interfaces
- ArrayList, LinkedList, HashSet, TreeSet, HashMap, TreeMap
- Iterating over collections using iterators and enhanced for loop
- Sorting and searching in collections
- Common collection algorithms and utilities

Day 6,7:

Introduction to Data Structures

- Overview of data structures and their importance Arrays and their operations
- Linked lists: singly linked lists, doubly linked lists
- Implementing and manipulating linked lists in Java

Day 8,9:

Stacks and Queues

- Introduction to stacks and queues
- Implementing stacks and queues using arrays and linked lists
- Stack and queue operations and their time complexities
- Applications of stacks and queues

Day 10,11,12:

Trees and Binary Trees

- Binary tree representation and traversals (pre-order, in-order, post-order)
- Binary search trees and their properties
- Tree traversal algorithms: level order, depth-first search (DFS), breadth-first search (BFS)

Day 13,14,15:

Binary Search Trees and Heaps

- Binary search tree operations: insertion, deletion, searching
- Balanced search trees: AVL trees, Red-Black trees
- Introduction to heaps and their types (min heap, max heap)
- Heap operations: insertion, deletion, heapify
- Applications of heaps

Day 16,17,18:

Sorting Algorithms

- Overview of sorting algorithms: bubble sort, selection sort, insertion sort

- Efficient sorting algorithms: merge sort, quicksort, heapsort
- Comparison of sorting algorithms based on time complexity and stability
- Best practices for choosing and implementing sorting algorithms

Day 19,20,21:

Hashing and Hash Tables

- Introduction to hashing and hash functions
- Collision resolution techniques: chaining, open addressing
- Hash table operations: Insertion, deletion, searching
- Hash table implementation using arrays or linked lists
- Applications of hash tables

Day 22,23,24:

Graphs and Graph Algorithms

- Introduction to graphs and their representations
- Graph traversal algorithms: depth-first search (DFS), breadth-first search (BFS)
- Shortest path algorithms: Dijkstra's algorithm, Bellman-Ford algorithm
- Minimum spanning tree algorithms: Prim's algorithm
- Graph applications and real-world use cases

06/06

S.No	Roll No	Student Name	Branch	College	29/5	30/5	31/5	01/06	02/06	03/06	05/06
46	206M1A0534	GURRAM AMITH KUMAR	CSE	BVTS	A	P	P	P	P	A	P
47	20H41A0504	Akula Madhu Nagalakshmi	CSE	BVTS	P	P	P	P	P	P	P
48	20H41A0506	Uha	CSE	BVTS	A	P	P	P	P	A	P
49	20H41A0508	AYALASOMAYAJULA SANTHI SRI.	CSE	BVTS	P	P	P	P	P	P	P
50	20H41A0509	Balla Chandralekha Iswarya	CSE	BVTS	P	P	P	P	P	P	P
51	20H41A0515	Gidugu Vasudha Sai	CSE	BVTS	P	P	P	P	P	P	P
52	20H41A0518	Kancharla A L S Pranavi	CSE	BVTS	A	P	P	P	P	A	P
53	20H41A0519	KANDREGULA RESHMI	CSE	BVTS	A	P	P	P	P	A	P
54	20H41A0524	KOLLU MEHER JYOTSHNA	CSE	BVTS	P	P	P	P	P	P	P
55	20H41A0529	Maddala Lakshmi Naga Prasanthi	CSE	BVTS	P	P	P	P	P	P	P
56	20H41A0537	PAPPULA MANASA	CSE	BVTS	P	P	P	P	P	P	P
57	20H41A0549	Shaik Husna Qhubah	CSE	BVTS	P	P	P	P	P	P	P
58	20H41A0550	SHEIK AYISHA	CSE	BVTS	A	P	P	P	P	A	P
59	20H41A0553	Sista Savitha	CSE	BVTS	P	P	P	P	P	P	P
60	20h41a0559	Tirumala Sai sirisha	CSE	BVTS	P	P	P	P	P	P	P
61	20H41A0567	Ajarapu Anuhya Sundari	CSE	BVTS	P	P	P	P	P	P	P
62	20H41A0571	Chillara Venkata Bhramarambika	CSE	BVTS	P	P	P	P	P	P	P
63	20H41A0574	Dangeeti Nagavaralakshmi	CSE	BVTS	P	P	P	P	P	P	P
64	20h41a0580	Gundabathula Niharika Polini Devi	CSE	BVTS	P	P	P	P	P	P	P
65	20H41A0582	Indugula Sri Sanjana	CSE	BVTS	P	P	P	P	P	P	P
66	20H41A0587	KARNATAKAPU POORNA MOULI	CSE	BVTS	P	P	P	P	P	P	P
67	20H41A0589	Kotikalapudi Manojna	CSE	BVTS	P	P	P	P	P	P	P
68	20H41A0595	Mariseti Harini	CSE	BVTS	P	P	P	P	P	P	P
69	20H41A0596	MEDIDI DHANA LAKSHMI	CSE	BVTS	P	P	P	P	P	P	P
70	20H41A0597	NAGABATHULA MOUNIKA	CSE	BVTS	P	P	P	P	P	P	P

S.No	Roll No	Student Name	Branch	College	29/5	30/5	31/5	01/06	02/06	03/06	05/06	06/06	7/6	8/6
71	20H41A0598	Nakkala Jhansi	CSE	BVTS	P	P	A	P	P	P	A	P	P	A
72	20H41A05A6	PEMMIREDDI PRASANNA SUSILA	CSE	BVTS	P	P	P	P	P	P	P	P	A	A
73	20H41A05A8	PINISETTI TEJA SRI	CSE	BVTS	P	P	A	A	P	A	A	A	A	A
74	20H41A05B8	Nagalakshmi Devi Sirangu	CSE	BVTS	P	P	P	A	P	A	P	P	P	P
75	20H41A05C0	Tadala Lakshmi vaishnavi	CSE	BVTS	P	P	P	P	A	A	A	P	P	P
76	20H41A05C2	RAJA SEK HAR SATISH REDDY TETALI	CSE	BVTS	P	A	P	P	P	A	P	P	A	P
77	20H41A05C4	UDDISA NAGA SANDHYA	CSE	BVTS	P	P	P	P	P	P	P	P	P	P
78	20H41A05C8	Vardhineedi Laxmi Kusala	CSE	BVTS	P	P	P	P	P	P	P	P	P	P
79	21H45A0507	Ethakota Tejaswini	CSE	BVTS	P	P	P	P	A	A	P	A	A	A
80	206M1A0513	BATCHU VENKATA NAGA MALLIKARJUN	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
81	206M1A0518	GANESH	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
82	206M1A0526	Dayana Sri Lakshmi	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
83	206M1A0528	Edupuganti Hema Niharika	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
84	206M1A0540	Kadali Harshavardhan	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
85	206M1A0541	K GEETA SATYA SRI	CSE	BVCR	P	P	A	P	P	P	P	P	P	P
86	206M1A0546	K SAI RAMA DURGA VARAPRASAD	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
87	206M1A0548	Koppaka Anu Anand kumar	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
88	206M1A0552	Kuchipudi Kusuma	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
89	206M1A0555	MADEPALLI SURENDRA	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
90	206M1A0558	Mallidi Samhitha	CSE	BVCR	A	A	A	A	A	A	A	A	A	A
91	206M1A0559	Manda Jnanendra kowshik	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
92	206M1A0567	M LAKSHMI SAI DIVYA	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
93	206M1A0585	Sai Pujari	CSE	BVCR	P	P	P	P	P	P	P	P	P	P
94	206M1A05A6	SATYANARAYANA THOTA	CSE	BVCR	P	P	P	P	P	P	A	P	P	P

S.No	Roll No	Student Name	Branch	College	9/6	12/6	13/6	15/6	16/6	17/6	19/6
27	20H41A4527	Kotla Satya Lahari	AIDS	BVTS	P	A	A	P	P	P	P
28	20H41A4535	Namuduri Satyasri Vijayalakshmi Vaisi	AIDS	BVTS	A	P	P	P	P	P	P
29	20H41A4543	Leela Naga Sai	AIDS	BVTS	P	A	A	P	P	P	P
30	20H41A4545	SAI CHAKRAPANI UDDISA	AIDS	BVTS	A	P	P	P	P	P	P
31	20H41A4547	Saladi v v satyanarayana murthy	AIDS	BVTS	A	A	A	P	P	P	P
32	20H41A4549	Satti Jyothi Naga Sowmya	AIDS	BVTS	A	A	A	P	P	P	P
33	20H41A4551	Seelam Satya Reshma	AIDS	BVTS	P	A	P	P	P	P	P
34	20H41A4552	Iswarya Sunkara	AIDS	BVTS	P	A	P	P	P	P	P
35	20H41A4553	VASUNDHARA TALABATTULA	AIDS	BVTS	A	P	A	P	P	P	P
36	20H41A4554	Tamarapalli Mahitha venkata padmaja	AIDS	BVTS	P	P	P	P	P	P	P
37	20H41A4559	vankayala sai lakshmi	AIDS	BVTS	P	A	P	P	P	P	P
38	20H41A4560	yalla sirisha	AIDS	BVTS	P	P	P	P	P	P	P
39	20H41A4561	Yalla Veera Satya Anusha	AIDS	BVTS	P	A	P	P	P	P	P
40	21H45A4502	Bonthu Jitendra Sai	AIDS	BVTS	P	P	A	P	P	P	P
41	21H45A4503	Chamakura Vijayalakshmi	AIDS	BVTS	P	A	A	P	P	P	P
42	21H45A4504	Chillangi srinhar	AIDS	BVTS	P	A	P	P	P	P	P
43	206M1A0534	GURRAM AMITH KUMAR	CSE	BVTS	A	P	P	P	P	P	P
44	20H41A0504	Akula Madhu Nagalakshmi	CSE	BVTS	P	P	A	P	P	P	P
45	20H41A0506	Uha	CSE	BVTS	P	P	A	P	P	P	P
46	20H41A0508	AYYALASOMAYAJULA SANTHI SRI.	CSE	BVTS	P	P	P	P	P	P	P
47	20H41A0509	Balla Chandralekha Iswarya	CSE	BVTS	A	P	A	P	P	P	P
48	20H41A0515	Gidugu Vasudha Sai	CSE	BVTS	P	P	P	P	P	P	P
49	20H41A0518	Kancharla A L S Pranavi	CSE	BVTS	P	P	P	P	P	P	P
50	20H41A0519	KANDREGULA RESHMI	CSE	BVTS	A	P	A	P	P	P	P
51	20H41A0524	KOLLU MEHER JYOTSHNA	CSE	BVTS	P	P	P	P	P	P	P
52	20H41A0529	Maddala Lakshmi Naga Prasant	CSE	BVTS	P	P	P	P	P	P	P

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53	20H41A0537	PAPPULA MANASA	CSE	BVTS	P	P	P	P	P	P	P	P
54	20H41A0549	Shaik Husna Qhubah	CSE	BVTS	P	P	P	P	P	P	P	P
55	20H41A0550	SHEIK AYISHA	CSE	BVTS	P	P	P	P	P	P	P	P
56	20H41A0553	Sista Savitha	CSE	BVTS	P	P	P	P	P	P	P	P
57	20H41a0559	Tirumala Sai sirisha	CSE	BVTS	P	P	P	P	P	P	P	P
58	20H41A0567	Ajjarapu Anuhya Sundari	CSE	BVTS	P	P	P	P	P	P	P	P
59	20H41A0571	Chillara Venkata Bhramarambika	CSE	BVTS	P	P	P	P	P	P	P	P
60	20H41A0574	Dangeti Nagaveralakshmi	CSE	BVTS	P	P	P	P	P	P	P	P
61	20H41a0580	Gundabathula Niharika Polini Devi	CSE	BVTS	P	P	P	P	P	P	P	P
62	20H41A0582	Indugula Sri Sanjana	CSE	BVTS	P	P	P	P	P	P	P	P
63	20H41A0587	KARNATAKAPU POORNA MOULI	CSE	BVTS	P	P	P	P	P	P	P	P
64	20H41A0589	Kotikalapudi Manojna	CSE	BVTS	P	P	P	P	P	P	P	P
65	20H41A0595	Mariseti Harini	CSE	BVTS	P	P	P	P	P	P	P	P
66	20H41A0596	MEDIDI DHANA LAKSHMI	CSE	BVTS	P	P	P	P	P	P	P	P
67	20H41A0597	NAGABATHULA MOUNIKA	CSE	BVTS	P	P	P	P	P	P	P	P
68	20H41A0598	Nakkala Jhansi	CSE	BVTS	P	P	P	P	P	P	P	P
69	20H41A05A6	PENMIREDDI PRASANNA SUSILA	CSE	BVTS	P	P	P	P	P	P	P	P
70	20H41A05A8	PINISETTI TEJA SRI	CSE	BVTS	P	P	P	P	P	P	P	P
71	20H41A05B8	Nagalakshmi Devi Sirangu	CSE	BVTS	P	P	P	P	P	P	P	P
72	20H41A05C0	Tadala Lakshmi vaishnavi	CSE	BVTS	P	P	P	P	P	P	P	P
73	20H41A05C2	RAJA SEKHAR SATISH REDDY TETALI	CSE	BVTS	P	P	P	P	P	P	P	P
74	20H41A05C4	UDDISA NAGA SANDHYA	CSE	BVTS	P	P	P	P	P	P	P	P
75	20H41A05C8	Vardhineedi Laxmi Kusala	CSE	BVTS	P	P	P	P	P	P	P	P
76	21H45A0507	Ethakota Tejaswini	CSE	BVTS	P	P	P	P	P	P	P	P
77	206M1A0513	BATCHU VENKATA NAGA MALLIKARJUN	CSE	BVCR	P	P	P	P	P	P	P	P
78	206M1A0518	GANESH	CSE	BVCR	P	P	P	P	P	P	P	P

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79	206M1A0526	Dayana Sri Lakshmi	CSE	BVCR																	
80	206M1A0528	Edupuganti Hema Niharka	CSE	BVCR																	
81	206M1A0540	Kadali Harshavardhan	CSE	BVCR																	
82	206M1A0541	K GEETA SATYA SRI	CSE	BVCR																	
83	206M1A0546	K SAI RAMA DURGA VARAPRASAD	CSE	BVCR																	
84	206M1A0548	Koppaka Anu Anand kumar	CSE	BVCR																	
85	206M1A0552	Kuchipudi Kusuma	CSE	BVCR																	
86	206M1A0555	MADEPALLI SURENDRA	CSE	BVCR																	
87	206M1A0558	Mallidi Samhitha	CSE	BVCR																	
88	206M1A0559	Manda Jnanendra kowshik	CSE	BVCR																	
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90	206M1A0585	Sai Pujari	CSE	BVCR																	
91	206M1A05A6	SATYANARAYANA THOTA	CSE	BVCR																	

12/6 13/6 15/6 16/6 17/6 19/6

SCREENSHOTS

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August 2022
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Activate Windows
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Online Session Recording

7 Jul - PROGRAMMING

Video Recording 1

Recording visible to students YES

Video Recording 2

Recording visible to students YES

18. Which of the following would you use to instantiate a class in Java?
A. New Operator
B. Class.forName("name")
C) Only A
D) Only B
E) Both A and B
F) None of the given options

19. Boot sector of disk is the first block of first partition and consists of information required by the system to boot an operating system from that disk. What is the boot control block called in disk instructions file format and what is the control...

Activate Windows
Go to Settings to activate Windows.