The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Re-accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

SIA TECH LINK

2023 -24

Date: 27/9/2024

SIA-Techlink

Project initiated during Academic Year 2023-2024

- ### SIA-Granthalaya

The SIA-Granthalaya software does not cater to the changing requirements of the library and also it is not compatible with E-sanchalan our college ERP. To avert any major flaws, it is decided to upgrade the SIA-Granthalay to E-Granthalay which will cater the needs of the new NEP.

- ### E-Ticketing

Raising of any issues related to various matters like electricity, IT facilities, infrastructure etc. were made on call and status of solution to those issues was on verbal basis and was taking long time to solve. So, there was requirement of the system that will help to keep track of all the issues seen around in an organization.

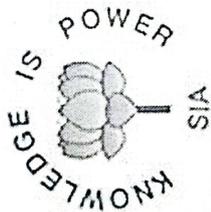- ### SIA-Feedback collection and Report Analysis -Phase II

The Teaching-Learning Feedback Software is a cutting-edge platform designed to facilitate seamless communication and constructive feedback between educators, students, and administrators. This innovative tool aims to bridge the gap between teaching and learning, fostering a collaborative environment that promotes academic excellence and continuous improvement. The objectives and strategies are, Computerization of entire feedback process, generate the database for analyzing purpose which can be verified with the number of students, analyze teacher effectiveness and student performance, inform data-driven decisions on curriculum and instruction and promote institutional excellence.

SIA-Techlink-Head

Principal
PRINCIPAL
The S.I.A. College of Higher Education
DOMBIVLI (E)

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Re-accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
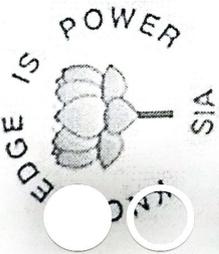Near Balaji Mandir, Dombivli (East), 421203.

Academic Year	Project Title	Description	Project In-Charge	Students Developer
2023-24	SIA-Feedback Collection and Analysis	The Teaching-Learning Feedback Software is a cutting-edge platform designed to facilitate seamless communication and constructive feedback between educators, students, and administrators. This innovative tool aims to bridge the gap between teaching and learning, fostering a collaborative environment that promotes academic excellence and continuous improvement. The objectives and strategies are, Computerization of entire feedback process, generate the database for analyzing purpose which can be verified with the number of students, analyze teacher effectiveness and student performance, inform data-driven decisions on curriculum and instruction and promote institutional excellence.	Mrs.Tejaswini Shivsharan , Mr.Sunil Gaonkar & Mr.Harshad Gupta	Not Applicable

The South Indian Association's

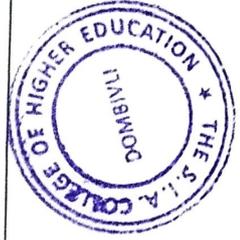**The S.I.A. College of Higher Education**

Affiliated to University of Mumbai

Re-accredited B+ by NAAC

P-88, MIDC Residential Area Dombivli Gymkhana Road,

Near Balaji Mandir, Dombivli (East), 421203.

Academic Year	Project Title	Description	Project In-Charge	Students Developer
2023-24	E-Granthalya	The SIA-Granthalaya software does not cater to the changing requirements of the library and also it is not compatible with Esanchalan our College ERP. To avert any major flaws it is decided to upgrade the Sia Granthalay to E-Granthalay which will cater the needs of the new NEP.	Mrs.S Sai sree & Mr.Sunil Gaonkar	VARMA AMIT LALMOHAN(TYIT), VERMA ANIMESH MANOJ(TYIT), GUPTA NIKITA DEENA NATH(TYIT), GUPTA GARGI RAMESH(TYIT), JADHAV KARAN WADILAL(TYIT)
	E-Ticketing	The system works on three levels: Superadmin, admin and user. Superadmin can add company and assigns admin for the respective company. Admin can add all devices and infrastructure details in the system such as Floor, Room, Ticket Category, Users etc. E-ticketing system will helps user to raise tickets(issue) of devices and infrastructure such as IT equipment, and other components. The user can see the count of tickets raise by him/her and they can also view the status of competion of their raised tickets.	Mr. Sunil Gaonkar,Ms. Shilpa Nimbre, Ms.Bhavna Dhande	BHAGWAT MAHESH YOGESH(TYIT), GAWADE DURWANG RAGHUNATH(TYIT),GUPTA RAHUL RAKESH(TYIT), RAHUL GUPTA(TYIT), THOMBARE MINAKSHI ASHOK(SYIT), GUPTA LAXMI SANTOSH(SYIT)

Principal

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Reaccredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Date : 1st December 2023

To,

The Principal,

The S.I.A. College of Higher Education

Dombivli East 421203

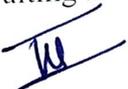Sub : Developing 'E-Granthalaya ' software for The S.I.A. College of Higher Education

Respected Madam,

We S.I.A. Techlink want to develop a 'E-Granthalaya software for The S.I.A. College of Higher Education. Our E-Sanchalan is developed in .net platform with SQL Server as the backend. And in the current Sia_Granthalay software, some glitches has been found and even it is not able to cater the new requirements of the librarian.

We would like to create a new software in the .net platform since it would become compatible with Esanchalan software.
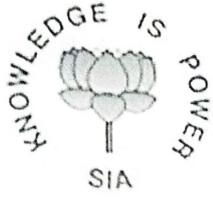
We would like to appoint Mr. VARMA AMIT (IF22085), Mr. VERMA ANIMESH (IF22087), Ms. GUPTA NIKITA(IF22100), Ms. GUPTA GARGI(IF22102), Mr. JADHAV KARAN(IF22104) the developers and Mrs. S SAI SREE as a project Guide for this project.

Awaiting for the positive Response.

Thanking you

S.I.A. Techlink (Incubation Center)

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Reaccredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Date : 9th December 2023

To,

S.I.A. Techlink (Incubation Center)

The S.I.A. College of Higher Education
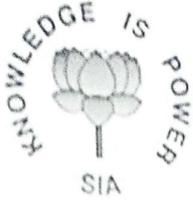
Dombivli East 421203

Dear Sir/Madam,

Looking at the current scenario we need to replace the current library software with a new one meeting the new requirements of the librarian and also include LMS in the library software

We appreciate the initiative taken by S.I.A. Techlink members.

With reference to the letter regarding ' Developing 'E-Granthalaya ' software for The S.I.A. College of Higher Education ", we accept the proposal and provide you related infrastructure facilities for the same.

The mentioned hardware and software will be provided to you within 10 days.

All the Best

PRINCIPAL
The S.I.A. College of Higher Education
DOMBIVLI (E)
Principal

The S.I.A. College of Higher Education

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Reaccredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Date : 12th December 2023

To,

The Principal,

The S.I.A. College of Higher Education

Dombivli East 421203

Sub : Developing 'E-Granthalaya ' software for The S.I.A. College of Higher Education

Respected Madam,

We would like to thank you for accepting our proposal and allowing us to develop 'E-Granthalay' Software.

We will assure you that we will complete it as early as possible.

Thanking you

S.I.A. Techlink (Incubation Center)

THE SOUTH INDIAN ASSOCIATION'S
THE S.I.A. COLLEGE OF HIGHER EDUCATION
(Affiliated to Mumbai University)
NAAC Reaccredited "B+" Grade
Academic Year :2023-24

admin Module	SIA-Granthalaya software
Guide Name	Mr. Sunil Gaonkar,Ms. S. Sai Sree
Background	The SIA-Granthalaya software does not cater to the changing requirements of the library and also it is not compatible with Esanchalan our College ERP. To avert any major flaws it is decided to upgrade the Sia Granthalay to E-Granthalay which will cater the needs of the new NEP.
Objectives	To automise book requisition for students and teachers. Students can select their slot for book issue. Automatic fine collection. The teachers can upload study material. Can be used as LMS of the college
Scope of Work	There are 3 users. 1. Student - who do book request. Download E-Content uploaded by teachers. 2. Teachers - who also cn request book, Upload E-Content for students. 3. Admin - who can add new books and edit books, accept book request and issue books, accept returned books, add holidays, change the fees, upload e-contents. and previous question papers, Generate Assession report, book request report, book issue report, book cancellation report, maximum usage of library reports etc.

Key Stake Holders

Client	
Project Manager	Mr. Sunil Gaonkar,Ms.S. Sai Sree

TimeFrame

Modules	Description of Work	Start Date	End Date	No. of Days
Admin	Superadmin can create company and admin for the company.	10-04-2024	31-05-2024	52
Teachers	Admin will be able to add ticket category devices, floors,users,issues related to devices,create supervisor for each ticket category.	10-04-2024	31-05-2024	52
Students	User has to select Ticket Category, room no,floor, Device no, issue in the device and click submit then record will be updated in database	01-06-2024	30-06-2024	30

	Testing of the project and implementation	01-07-2024		
	Total days			82

Technology Used	Visual Studio 2022, .Net Framework 4.8,SQL server management studio		
Hardware			
	Project Members Details		
Class	Name	Roll No.	Contact Nos.
TYIT	VARMA AMIT LALMOHAN	IF22085	9321655567
TYIT	VERMA ANIMESH MANOJ	IF22087	9867744802
TYIT	GUPTA NIKITA DEENA NATH	IF22100	9326377406
TYIT	GUPTA GARGI RAMESH	IF22102	9702300333
TYIT	JADHAV KARAN WADILAL	IF22104	8422942215

Approval Signatures

Client	Principal	Project Manager

PRINCIPAL
The S.I.A. College of Higher Education
DOMBIVLI (E)

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Reaccredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Date : 1st December 2023

To,

The Principal,

The S.I.A. College of Higher Education

Dombivli East 421203

Sub : Developing 'E-Ticketing ' software for The S.I.A. College of Higher Education

Respected Madam,

We S.I.A. Techlink want to develop a 'E-Ticketing' software for The S.I.A. College of Higher Education. Currently raising of any issues related to various matters like electricity, IT facilities, infrasturture etc. are made on call and status of solution to those issues is on verbal basis and taking long time to solve.

If we automize the system,it will be easy for users to raise the issue online and we can keep track of the issues in various areas and it will help us for maintenance.

To develop this software, we need 1 computer to be allocated in S.I.A. Techlink (Incubation Center) with Visual Studio 2022 and SQL server management studio installed
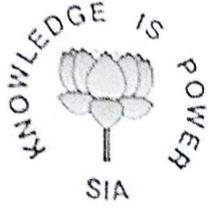
We would like to appoint Mr. Bhagwat Mahesh (Roll no IF22003),Mr. Gawade Durwang (Roll no IF22013), Mr. Gupta Rahul (Roll no IF22018) ,Mr.Rahul Gupta (Roll no IF22020), Ms.Thombare Meenakshi(Roll no IF23115), Ms. Gupta Laxmi (Roll no IF23146) as the developers and Mrs. Shilpa Nimbre and Mrs. Bhavna Dhande as a project Guide for this project. Awaiting for the positive Response.

Thanking you

S.I.A. Techlink (Incubation Center)

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Reaccredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Date : 9th December 2023

To,

S.I.A. Techlink (Incubation Center)

The S.I.A. College of Higher Education

Dombivli East 421203

Dear Sir/Madam,

Looking at the current scenario we need a system where user can raise the issues they are facing in the campus like electricity, projectors etc. online and can see whether their issue is resolved or not. It will done online so no need of any verbal communication also it will help us to resolve the issue in faster way.

We appreciate the initiative taken by S.I.A. Techlink members.

With reference to the letter regarding ' Developing 'E-Ticketing ' software for The S.I.A. College of Higher Education ", we accept the proposal and provide you related infrastructure facilities for the same.

The mentioned hardware and software will be provided to you within 10 days.

All the Best

Principal

The S.I.A. College of Higher Education
PRINCIPAL
The S.I.A. College of Higher Education
DOMBIVLI (E)

Date : 12ᵗʰ December 2023

To,

The Principal,

The S.I.A. College of Higher Education

Dombivli East 421203

Sub : Developing 'E-Ticketing ' software for The S.I.A. College of Higher Education

Respected Madam,

We would like to thank you for accepting our proposal and allowing us to develop 'E-Ticketing'
Software.
We will assure you that we will complete it as early as possible.

Thanking you
S.I.A. Techlink (Incubation Center)

THE SOUTH INDIAN ASSOCIATION'S
THE S.I.A. COLLEGE OF HIGHER EDUCATION
(Affiliated to Mumbai University)
NAAC Reaccredited "B+" Grade
Academic Year :2022-23

admin Module	E-Ticketing System
Guide Name	Mr. Sunil Gaonkar,Ms. Shilpa Nimbre, Ms.Bhavna Dhande
Background	Raising of any issues related to various matters like electricity, IT facilities, infrasturture etc. were made on call and status of solution to those issues was on verbal basis and was taking long time to solve. So there was requirement of the system that will help to keep track of all the issues seen around in an organization.
Objectives	To automize the process of raising tickets(issue) about any matters like electricity, IT facilities, infrasturture etc. and to keep track of all the issues raised and its resolution . So, software will reduce the complexity of traditional working staff.
Scope of Work	The system works on three levels: Superadmin, admin and user. Superadmin can add company and assigns admin for the respective company. Admin can add all devices and infrastructure details in the system such as Floor, Room, Ticket Category, Users etc. E-ticketing system will helps user to raise tickets(issue) of devices and infrastructure such as IT equipment, and other components. The user can see the count of tickets raise by him/her and they can also view the status of competion of their raised tickets.

Key Stake Holders

Client	
Project Manager	Mr. Sunil Gaonkar,Ms. Shilpa Nimbre, Ms.Bhavna Dhande

TimeFrame

Modules	Description of Work	Start Date	End Date	No. of Days
Superadmin,	Superadmin can create company and admin for the company.	02-02-2024	28-04-2020	27
Admin	Admin will be able to add ticket category devices, floors,users,issues related to devices,create supervisor for each ticket category.	10-04-2024	31-05-2024	52

SIA TechLink
(IT Development Division)
The S.I.A. College of Higher Education, Dombivli (E)

User	User has to select Ticket Category, room no,floor, Device no, issue in the device and click submit then record will be updated in database	01-06-2024		
	Testing of the project	10-08-2024		
	Total days			79

SIA TechLink
(IT Development Division)

Technology Used	Visual Studio 2022, .Net Framework 4.8,SQL server management studio		
Hardware			

Project Members Details

Class	Name	Roll No.	Contact Nos.
TYIT	BHAGWAT MAHESH YOGESH	IF22003	9870059848
TYIT	GAWADE DURWANG RAGHUNATH	IF22013	8104314243
TYIT	GUPTA RAHUL RAKESH	IF22018	7208255268
TYIT	RAHUL GUPTA	IF22020	6307433792
SYIT	THOMBARE MINAKSHI ASHOK	IF23115	8104944528
SYIT	GUPTA LAXMI SANTOSH	IF23146	9137075880

Approval Signatures

Client

PRINCIPAL
Principal
The S.I.A. College of Higher Education
DOMBIVLI (E)

Project Manager

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Date: 1/02/2023

To

The Principal
The S.I.A. College of Higher Education

Sub: Project Proposal for the SIA-Feedback collection and Report Analysis -Phase II

Dear Mam

I, Mrs. Tejaswini Shivsharan, would like to propose the development of software. The Teaching-Learning Feedback Software is a cutting-edge platform designed to facilitate seamless communication and constructive feedback between educators, students, and administrators. This innovative tool aims to bridge the gap between teaching and learning, fostering a collaborative environment that promotes academic excellence and continuous improvement.

This development proposes following key points

1. Computerization of entire feedback process
2. Generate the database for analyzing purposes which can be verified with the number of students.
3. Analyze teacher effectiveness and student performance
4. Inform data-driven decisions on curriculum and instruction
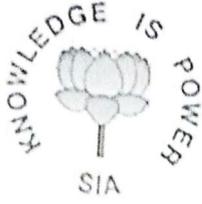5. Promote institutional excellence

Thanking you

Regards

Tejaswini Shivsharan

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Dated: 10/02/2023

To

Mrs.Tejaswini Shivsharan

Sub: Acceptance of Project Proposal for the SIA-Feedback collection and Report Analysis -
Phase II

Mam

With reference to your letter, I here by approve your request to start working on for SIA-
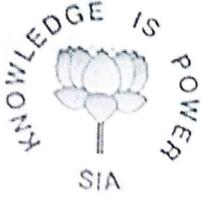Feedback collection and Report Analysis -Phase II

software

Regards

Principal

The S.I.A. College of Higher Education

The SIA College of Higher Education
DOMBIVLI (E)

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Dated:6/10/2023

To

The Principal
The S.I.A. College of Higher Education

Sub: Request for project the SIA-Feedback collection and Report Analysis -Phase II

for Demonstration and trial run

Dear Mam

I request you to give permission for implementing the SIA-Feedback collection and Report Analysis -Phase II for Demonstration and trial run.

Thanking you

Regards

Mrs.Tejaswini Shivsharan

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

Date: 10/10/2023

To

Mrs.Tejaswini Shivsharan

Sub: Implement the SIA-Feedback collection and Report Analysis -Phase II Software

Mam

This is to inform you that you your trial run is successful and you can now go ahead and implement the SIA-MIS Software in the college

Regards

Principal

The S.I.A. College of Higher Education

PRINCIPAL
The S.I.A College of Higher Education
DOMBIVLI (E)

THE SOUTH INDIAN ASSOCIATION'S
THE S.I.A. COLLEGE OF HIGHER EDUCATION
(Affiliated to Mumbai University)
NAAC Re-Accredited "B+" Grade
Academic Year 2023-24

Project Name	SIA-Feedback collection and Report Analysis -Phase II
Guide Name	Mrs.Tejaswini Shivsharan , Mr.Sunil Gaonkar & Mr.Harshad Gupta
Background	The Teaching-Learning Feedback Software is a cutting-edge platform designed to facilitate seamless communication and constructive feedback between educators, students, and administrators. This innovative tool aims to bridge the gap between teaching and learning, fostering a collaborative environment that promotes academic excellence and continuous improvement.
Objectives	The objectives are, 1.Collect feedback rating points for teaching -learning evaluation from students. 2.Store data for each subject of the stream and for overall analysis purpose. 3.Generate the reports for each faculty member in individual subject and overall analysis. 4.Analyze and print reports in statement format.
Scope of Work	•Computerization of entire feedback process •Generate the database for analysing purpose which can be verified with the number of students. •Analyze teacher effectiveness and student performance •Inform data-driven decisions on curriculum and instruction •Promote institutional excellence

Key Stake Holders

Client	The S.I.A. College of Higher Education
Project Manager	Mrs.Tejaswini Shivsharan and Mr.Sunil Gaonkar

TimeFrame

Modules	Description of Work	Start Date	End Date	No. of Days
	Created forms for entering into feedback system roll number wise and assign rating points for variour qustions in teaching- learning evaluation. Implemented for even semester in 2018-19 till March 2020.			
Phase-1	1. Created login page with autofill details from existing e-sanchalan database	03-12-2018	20/03/2018	8

	2. Created page for selecting type of feedback throgh dropdown.				
	3. Opening a page with feedback questions and 5 scale pointer response for each question.				
	4. Storing answer responses in table.				
Phase -2	Created forms for reporting purpose showing the reports for teacher wise,class-wise, subject-wise and overall categories.	24/2/2023	08-03-2023		10
	Analysing the data and printing remarks for the respective feedback grades.	08-04-2023	09-09-2023		4
	Analysed report and statements	21-09-2024	05-10-2024		35

Technology Used	SQL Server 2012, ASP.Net		
Hardware			
Project Members Details			
Class	Name		
	1 Tejaswini Shivsharan- Assistant professor		
	2 Sunil Gaonkar-SIAtechlink member(Software developer)		
	3 Harshad Gupta -SIAtechlink member		

Approval Signatures

_____
Client

PRINCIPAL
Principal
The S.I.A. College of Higher Education
DOMBIVLI (E)

_____
Project Manager