

**Department of Science & Technology
Government of Rajasthan Jaipur
Student Project Programme (2023)**

Project Name

**GLOBAL FACULTY INTERACTION
PLATFORM FOR ENHANCING RESEARCH AND
INNOVATION.**



**Arya College of Engineering & Information
Technology**

SP-42, RIICO Industrial Area, Delhi Road, Kukas, Jaipur - 302028

Submitted By Students:

Aryan Goswami(8th sem 4th year)
Shikhar(8th sem 4th year)
Sourabh Modi(8th sem 4th year)
Sushmita Kumari(8th sem 4th year)

Project guide:

Dr. Vishal Shrivastava
(Professor)

Form A

Form No....
(For official use only)

Application Format of Student Project Program

1. Title of the Project-**Global Faculty Interaction Platform For Enhancing Research And Innovation**
2. Discipline/ Subject Area:**Engineering**
3. Region (Regional Office area of jurisdiction: -Ajmer/Kota/Jodhpur/Bikaner/Udaipur):**Ajmer**
4. Designation & Address of the Person, in whose name, Demand Draft/Bankers Cheque of grant is to be sent. (Head of Institution/Director/Registrar/ Comptroller/ **Principal**/Dean) Tick the relevant)

Prof. (Dr.) Arun Kumar Arya

(Principal)

Arya College of Engineering & I.T.

SP-42, RIICO Industrial Area, Delhi Road, Kukas, Jaipur - 302028

5. Name & Class/Year of the Students (indicate clearly the semester in case of semester system):

S.No.	Name of the Students	Class/Year	Semester
1.	Aryan Goswami	Cs-c /4 th year	<u>8th sem</u>
2.	Shikhar	Cs-b/4 th year	<u>8th sem</u>
3.	Sourabh Modi	Cs-b/4 th year	<u>8th sem</u>
4.	Sushmita Kumari	IT /4 th year	<u>8th sem</u>

6. Whether belongs to SC/ST. (attach certified for Group Leader)

S.No.	Name of the Students	Role	Category (Gen/Sc/St)	Proof Attached (Yes/No)
1.	Arya Goswami	Frontend developer	<u>OBC</u>	<u>No</u>

2.	Shikhar	Frontend developer	<u>SC</u>	<u>No</u>
3.	Sourabh Modi	SQL, database	<u>OBC</u>	<u>No</u>
4.	Sushmita	Adobe Photoshop, Frontend & designer	<u>OBC</u>	<u>No</u>

7. Address of the Students (Institutional & Correspondence Address with E-mail ID & Fax, Mobile No.)

a. Address of the Students:

S.No.	Name of the Students	Correspondence Address	Email	Mobile No.
1.	Aryan Goswami(8 th sem 4 th year)	H,96 bal nagar goner road Jaipur, Rajasthan	aryangoswami023@gmail.com	9672190511
2.	Shikhar	62,parshvanath Nagar, Borkhera, Kota	Shikhardhiman90010@gmail.com	9664031924
3.	Sourabh Modi(8 th sem 4 th year)	Near hanuman temple ,Ballabh bari, kota	modisourabh2311@gmail.com	8764635674
4.	Sushmita Kumari(8 th sem 4 th year)	L.C road Manoram nagar ,Dhanbad ,Jharkhand	Sushmita14419@gmail.com	8102043347

b. Institutional Address: Arya College of Engineering & I.T.

SP-42, RIICO Industrial Area, Delhi Road, Kukas, Jaipur – 302028

Email: principal@aryacollege.in

Fax:+91-1426-227177

Phone No: +91-141-2621967

8. Bank Account No. of one of the students of the Group.

S.No.	Name of the Student	Account No.	Bank and Branch	IFSC Code
1.				

9. a) Name & Designation of the Supervisor/Guide : **Dr.Vishal Shrivastava (Professor)**

b) Institutional & Correspondence Address of the Guide with Telephone No.
E-mail ID & Fax, Mobile No.

Arya College of Engineering & I.T.

SP-42, RIICO Industrial Area, Delhi Road, Kukas, Jaipur – 302028

Email: vishalshrivastava.cs@aryacollege.in

Fax: +91-1426-227177

Mobile No: +91-9214052386

S.No.	Name of the Guide	Designation	Institutional Address	Correspondence Address	Mobile Number	E-Mail ID
1	Dr.Vishal Shrivastava	Professor	SP-42, RIICO Industrial Area, Delhi Road, Kukas, Jaipur – 302028	SP-42, RIICO Industrial Area, Delhi Road, Kukas, Jaipur – 302028	9214052386	vishal500371@yahoo.co.in

10. Whether certified from Plan Department (attach document).* **Yes**

S.No.	Name of the Students	Fax. No.	Mobile Number	E-Mail ID	Signature

Signature of guide of the project

Form B

Form No....
(For official use only)

Title of the Project: Global faculty interaction platform for enhancing research and innovation.

Project Summary:

Today we are losing the battle of getting authenticated information from various sources. Through this platform, users will be able to get authenticated information which will be filtered based on their area of interest. Various experts from different fields will interact to give valuable information.

Two ways by which we can solve this problem-

1. We interact with all the faculties physically and collect the data but this is a bit time-consuming process.
2. We can create a platform that connects faculty globally. And through their interaction and suggestion on various topics, we can get better-filtered information.

Through our platform, we are trying to solve various problems and make an interactive platform for the user where he can get authenticated filtered information. various features -

1. user-friendly interface.
2. People who are related to specific fields of teaching research will be registering themselves.
3. User can choose their interested area.
4. User can share his/her thoughts and also quotes can be shared.
5. Video can be shared through this platform.
6. Users can write blogs

Technical details of the Projects:

The user will login with the help of his log in id. A new can also sign up by filling his details. Our portal will be a one-page website where all the feature will be listed together. Various feature includes blog, category, online courses, online meeting etc.

Origin of the proposal:

We all have faced a challenge while looking for some information as sometimes we feel that the data that we have found is not relevant to the content that we have searched for. Getting all the content related to a particular topic is hard. So the motive to develop this platform is to remove this challenge and make a platform accessible to everybody who looks for authenticated information. Various platforms which are providing the information are -

1. Aicte faculty development programs
2. Swayam
3. ekumbh
4. quora

Definition of the problem:

Engagement is the focus of technology-enhanced faculty development. We are providing users with a global platform where they can interact and enhance their knowledge. It will enhance the research and innovation work for an individual.

This platform offers unique opportunity for users to receive valuable help on research and innovation. It will also provide a medium of entertainment to users.

A platform where only users related to educational field can interact. We will provide unlimited message transfer. Entertainment will also be provided. User can choose from his/her interested area and message will be sent to only those users having similar interest in domain. User can upload his content on the platform which can be free or paid.

We will also provide a option to upload blog on our platform. We will provide provision of feedback and effective colleague relationship.

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Objectives:

The Faculty Development Programme (FDP) intends to provide financial assistance to facilitate up-gradation of knowledge, skill and intends to provide opportunities for induction training to teachers employed. Faculty Development Programme (FDP) to cover areas such as technical education policy, new concepts, methods and techniques, theory and skills development and up

gradation of pedagogy educational technology, motivation, communication skills, management and other relevant issues to keep pace with the changing scenario in Technical Education.

Work plan in stages:

- Stage 1: Undergo the process of requirement.
- Stage 2: Undergo the process design of software. This includes both low-level component and algorithm design and high-level, architecture design
- Stage 3: Implementation of the project will be done it is a realization of a technical specification or algorithm through computer programming and deployment.
- Stage 4: The integration, testing of the outcomes of the project will be done.
- Stage 5: In this stage, we will complete project report writing.

Methodology:

- **Software Designing:**

In this we will carry out the software designing which involve coding in different languages and we will also set up the server.

- **Implementation:**

After completing the designing part the implementation will be carry out.

- **Project Testing:**

In this process we will do related testing, integration and evaluation of these.

- **Report Writing:**

After successfully implementing we will make report of our project.

Organization of work element:

- Program Promotion: Develop and implement a marketing and communication strategy to promote the program to faculty members globally.
- Content Development: Create relevant and up-to-date training materials, resources, and modules to address identified faculty development needs. Ensure the content is accessible, inclusive and engaging.

Time schedule:

Stages	Month 1	Month 2	Month 3	Month 4	Month 5
Stage 1					
Stage 2					
Stage 3					
Stage 4					
Stage 5					

Proposed outcome/findings:

Through our platform, we are trying to solve various problems and make an interactive platform for the user where he can get authenticated filtered information. The proposed solution includes various features -

1. user-friendly interface.
2. People who are related to specific fields of teaching research will be registering themselves.
3. User can choose their interested area.
4. User can share his/her thoughts and also quotes can be shared.
5. Video can be shared through this platform.
6. Users can write blogs.

Details of facilities to be provided by the Institution:

College will provide access to development facilities and labs with all required equipment with guidance of faculty in all fields of project development. The various testing, and server set up will be provided by the college on need basis during the entire period of development of this project. Study material will be made available to us on need basis for reference purpose and for getting technical information from the college Library.

Budget Estimates: Total Budget – **Rs.25, 000/-**

Title of Equipment	Title of Equipment Cost in Indian Rupees
Software Development	Rs.3,500/- approx.
Server And Web Hosting Plan	Rs.13,500/- approx.
Support and Maintenance Cost	Rs 10,000 - approx per year
Project Documentation, PPT:	Rs.200/- approx.
Consumable	Rs.500/- approx.
Report writing	Rs.1,000/- approx.
Contingency & other costs	Rs.2,000/- approx.
Grand Total	Rs.30,700/-

Utilization of the outcome of the project:

We are providing a platform where users will be able to get authenticated information which will be filtered based on their area of interest. Various experts from different fields will interact to give valuable information.