KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science campus, Bengaluru

Telephone: 080 -23600978, 23341652 || Email: spp@kscst.org.in
Website: www.kscst.iisc.ernet.in/spp.html or www.kscst.org.in/spp.html

FORMAT FOR STUDENT PROJECT PROPOSAL FOR THE

45th SERIES OF STUDENT PROJECT PROGRAMME

(Handwritten proposals will not be accepted, please fill all the details in this MS word file, insert images / diagrams wherever necessary. Convert to pdf file, get it approved from the project guide / head of the department and principal of your institution. Keep ready the scanned pdf file of 1) Declaration and Endorsement 2) details of processing fees made and fill-up the Google Form. Send the softcopy of the project proposal including the three scanned pages and send the proposal (All information in one pdf file) by email to spp@kscst.org.in

https://forms.gle/9wriMyaKhBaGaWpw7

1.	**Name of the College:** Mangalore Institute of Technology & Engineering
2.	**Project Title:** Citizen Centric Panchayat System with Digital Management and Automation
3.	**Branch:** Computer Science & Engineering
4.	**Theme (as per KSCST poster):** **(The project proposals shall mandatorily be from one of the broad themes / areas. Visit website www.kscst.org.in/spp.html)** **E-Learning Technologies to villages / panchayat levels**

5.	**Name(s) of project guide(s):**
	1. Name: ~~Prof.~~ / ~~Dr.~~ / Mr. /~~Mrs~~. Shivaprasad T K
	  Email id : shivaprasad@mite.ac.in
	  Contact No.: 9611954968
	
	2. Name: Prof. / Dr. / Mr. / Mrs.
	  Email id:
	  Contact No.:

6.	**Name of Team Members (Strictly not more than four students in a batch):** *(Type names in Capital Letters as provided in your college)*
	(Please paste the latest passport size photograph adjacent to your respective names)
	  Name: Prajwal Poojary
	  USN No.: 4MT18CS063

Email id: prajwal.belvai@gmail.com
Mobile No: 9880240322

Name: Shraddha Shetty
USN No.: 4MT18CS091
Email id: shraddhashettyshirlal@gmail.com
Mobile No.: 9606120121

Name: Vineeth Serigar
USN No.: 4MT18CS114
Email id: vineethserigar17@gmail.com
Mobile No.: 9113937543

Name: Yashwitha
USN No.: 4MT18CS116
Email id: yashwithakarkera22@gmail.com
Mobile No.: 6363082663

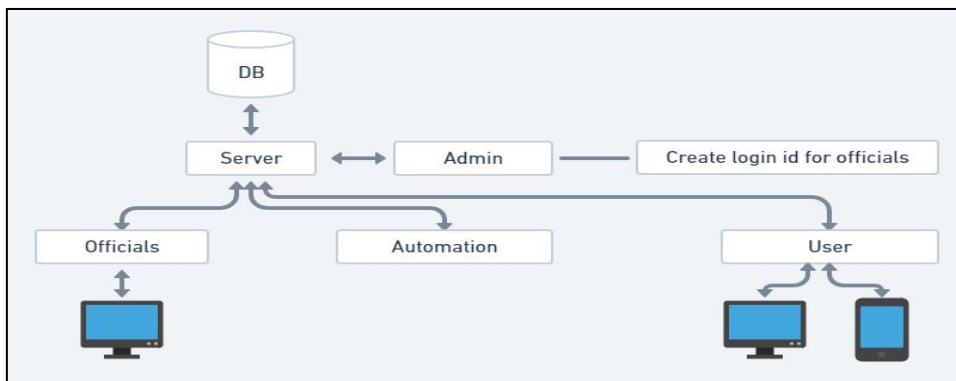| 7.	**Team Leader of the Project:** **Name: Prajwal Poojary** **USN No.: 4MT18CS063** **Email id: prajwal.belvai@gmail.com** **Mobile No.: 9880240322**
8.	**Processing Fee Details (Through Online Payment only):** **(processing fee of Rs. 1000/-)** **Please furnish the payment made details provided in the last page of this proposal.** **Note:** (The student team shall furnish the details in the Google Form. It is informed to the students to 1) keep ready the project proposal and 2) make the payment made details for processing fees and 3) Enter the details in the Google Form on the same day of payment made to KSCST by NEFT / UPI payment).
9.	**Date of commencement of the Project: 01/01/2022**
10.	**Probable date of completion of the project: 01/07/2022**
11.	**Scope / Objectives of the project:** **Scope**: • People can request any application, suggestion, and complaint at anywhere and at anytime without any delay.

		• Automation can reduce the human error and standardizes processes.
		Objectives:
		• Online tax payment can provide contactless, transparent and faster delivery of service.
		• The people will come to know about the new schemes which are provided by government officials.
		• User can see the development rate at their ward in comparison to otherwards.
		• The people of the village can easily contact the officials regarding any issues such as availing services, complaints, feedback and application filling.
		• Availability of the officials can easily be tracked.
		• Status of work done is published in the application.
12.		**Methodology:**
		• **Admin :** Create login credentials for the officials.
		• **Officials :**
		▪ PDO : accept/reject the application, manage complaints/feedback.
		▪ Secretary : update service details, manage applications, maintain user details.
		▪ President : approval of certificates, manage payment.
		• **User:**
		▪ View information about new schemes.
		▪ Pay tax bills online.

- Get certificates and licences.

- Write feedbacks or complaints.

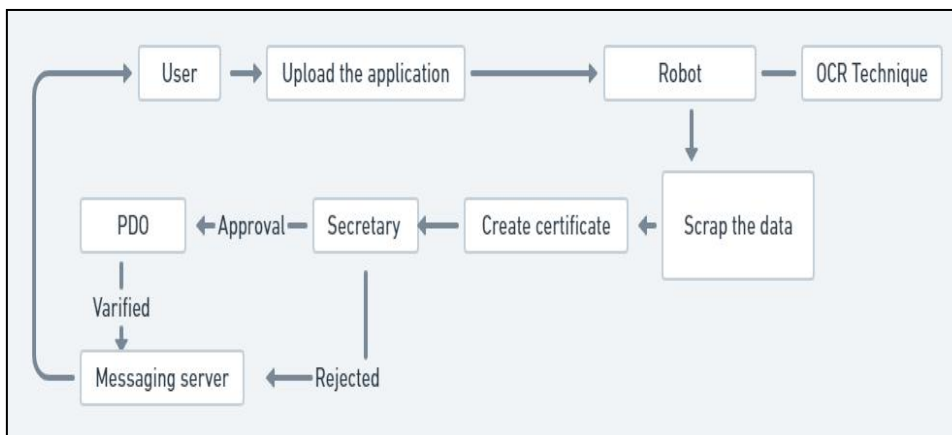- Watch events that are done in Panchayath office.

- **Automation :**

  - Payment invoice.

  - Scraping the data from user applications.

  - Adding scrapped data into certificate.

  - Sending messages about the events, schemes, and announcements.

  - Finding the Low-Cost Tender Quotation.

  - Generating the Overall Development Chart of Grama Panchayath.

ARCHITECTURE

USER APPLICATION PROCESSING FLOW

	Note: In case of fabrication work in the project, an engineering drawing with dimensions / detailed design should be attached to the proposal.
13.	**Expected Outcome of the project:** • Improving delivery of services to citizens. • Tax payment procedure will be optimized. • Automation will reduce the work load of the officials. • Transparency, Accountability, Efficiency and RTI compliance of Panchayath.
14.	**Is the project proposed relevant to the Industry / Society or Institution?** **Yes / No: No** **If Yes, please provide details of the Industry / institution and contact details:** (**Note:** Preference will be given to those projects relevant to the industry / institution. Hence be specific in giving detailed information). Is the industry extending support - technology / funds / use the final product, please specify.
15.	**Can the product or process developed in the project be taken up for filing a Patent?** **Yes / No: No** **Prior Art search done?** **Yes/No: No** **Note:** If your answer is "Yes", you may contact Patent Information Centre of KSCST. For more details, email: pic@kscst.org.in
16.	**Budget details (break-up details should be given):** Note: KSCST will provide nominal grant support for carrying out the project by students if selected by the project selection committee.

Budget	Amount
a) Materials / Consumables (Please specify)	0.00
b) Labor (Describe)	0.00

c) Travel (Describe)	0.00
e) Miscellaneous (Please specify)	0.00
Total	0.00

17.   **Any other technical details (Please specify):**

18.   **SPP Coordinator (Identified by the college):**

Note: To be identified by the principal of the institution. The project proposals must be submitted to KSCST through SPP coordinator designated by the Principal.

  Name: Mr. Ajith Kumar

  Email id: ajithkumar@mite.ac.in

  Contact No.: 990225235

Name of the Project Guide: Shivaprasad T K   **Name of the HOD: Ravinarayana B**

Email id: shivaprasad@mite.ac.in   **Email id:**

Contact No.: 9611954968   **Contact No.:**

DECLARATION

(From Project Students)

(To scan this page and enclose in the project proposal)

We, the project team hereby declare that the details enclosed in the project proposal (Title of the Project: Citizen Centric Panchayat System with Digital Management and Automation, Branch: Computer Science and Engineering, College: Mangalore Institute of Technology and Engineering) are true and correct to the best of our knowledge and belief and we undertake to inform KSCST of any changes therein in the project title, students name will be intimated immediately through project guide. In case any of the above information is found to be false or untrue or misleading, we are aware that we may be held liable for it. We hereby authorize sharing of the project information with this project proposal with the Karnataka State Council for Science and Technology, Bangaluru.

We are aware that the project team must exhibit / demonstrate the project in the nodal centre and interact regarding project with the experts and to exhibit the project in the State Level Seminar and Exhibition (if selected). If the student team fails to attend the evaluation in nodal centre or fails to attend the State Level Seminar and Exhibition, the supported project amount will be returned to KSCST.

We also hereby, enclose the endorsement form to KSCST, Bengaluru.

Name of the students with USN No.   **Signature with date**

1. Prajwal Poojary 4MT18CS063
2. Shraddha Shetty 4MT18CS091
3. Vineeth Serigar 4MT18CS114
4. Yashwitha 4MT18CS116

(Name & Signature of Project Guide with Seal)   **(Name & Signature of HOD with Seal)**

Email id: shivaprasad@gmail.com   Email id:

Contact No.: 9611954968   Contact No.:

ENDORSEMENT

(From College, endorsement to be taken in the institution / Department Letter head)

(To scan this page and enclose in the project proposal)

This is to certify that 1) Mr. / ~~Ms.~~ Prajwal Poojary, 2) ~~Mr.~~ / Ms. Shraddha Shetty 3) Mr. / ~~Ms.~~ Vineeth Serigar, 4) ~~Mr.~~ / Ms. Yashwitha, are bonafide student(s) of Department of Computer Science & Engineering, in the degree program of our institution. If the project proposal submitted by these students under the 45th series of Student Project Programme is selected by KSCST, we will provide the requisite laboratory / Computer / infrastructure support in our college / Institution. Further we also take necessary steps to see that the project team will exhibit / demonstrate their project in the nodal centre and in the State Level Seminar and Exhibition (if selected). If the student team fails to send the completed project report or fails to attend the evaluation in nodal centre or fails to attend the State Level Seminar and Exhibition, the supported project amount will be returned to KSCST.

(Name & Signature of Project Guide with Seal)	**(Signature of HOD with Seal)**	**(Signature of the Principal with Seal)**
Emailid:shivaprasad@gmail.com	**Email id:**	**Email id:**
Contact No.: 9611954968	**Contact No.:**	**Contact No.:**

DETAILS OF PROCESSING FEES MADE THROUGH NEFT / UPI PAYMENT

(**Note:** Include this page in the softcopy of the student project proposal. The student team shall furnish the details in the Google Form. It is informed to the students to 1) keep ready the softcopy of the project proposal and other documents and 2) Furnish the payment made details as processing fees and 3) update the details in the Google Form on the same day of payment made to KSCST by NEFT / UPI payment).

1.	TITLE OF THE PROJECT	:	CITIZEN CENTRIC PANCHAYATH SYSTEM WITH DIGITAL MANAGEMENT AND AUTOMATION
2.	NAME OF THE TEAM LEADER	:	PRAJWAL POOJARY
3.	EMAIL ID	:	prajwal.belvai@gmail.com
4.	CONTACT MOBILE NO.	:	9880240322

PAYMENT MADE DETAILS

5.	BANK REF. NO. / UTR NO. / UPI No. (12 digits)	:	
6.	TRANSACTION ID	:	
7.	NAME OF THE SENDER / ACCOUNT HOLDER and CONTACT NUMBER	:	
8.	NAME OF THE BANK	:	
9.	PROCESSING FEES	:	Rs. 1000/-
10.	DATE OF PAYMENT MADE	:	
11.	TIME	:	
12.	MODE OF PAYMENT MADE (NEFT / UPI, PLEASE SPECIFY)	:	

(Name & Signature of the team leader)

(Name & Signature of Project Guide or HOD with Seal)

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science campus, Bengaluru

45th SERIES OF STUDENT PROJECT PROGRAMME (SPP)

(Note: This page is for information about bank details of KSCST to the student team and college / institution and not to include this page in the project proposal softcopy)

BANK ACCOUNT DETAILS OF KSCST

Name and address of the Institution	Karnataka State Council for Science and Technology, IISc Campus, Bangalore -560012
Account holder's name / Designation	Secretary, Karnataka State Council for Science and Technology
Bank Account No. & Name of the bank	Current A/C No. 0683201000024 Canara Bank, IISc Campus Branch, Bangalore-560012
IFSC Code	CNRB0000683
MICR Code	560015023
Bank Branch Address	Canara Bank, Indian Institute of Science, Bangalore-560012

BANK DETAILS

Name of the Agency	Karnataka State Council for Science and Technology IISc Campus, Bangalore - 560012
Account holder's name / Designation	Secretary , Karnataka State Council for Science and Technology
Bank Account No. & Name of the bank	Current A/C No. 0683201000024 Canara Bank IISc Campus Branch Bangalore-560012
IFSC Code	CNRB0000683
MICR Code	560015023
Bank Branch Address	Canara Bank Indian Institute of Science Bangalore-560012