

**Gujarat Arts and Science College**

Perpetuating Education Through Generations

Estd:1860

Government of Gujarat

Gujarat Arts & Science College Organized  
**Innovations, SSIP & IPR Activities**

## Index

Sr. No.	Activity	Date
1	INNOVATION CLUB WORKSHOP	26 <sup>th</sup> -27 <sup>th</sup> APRIL,2022
2	Summer Induction Training Program	18 <sup>th</sup> May and 20 <sup>th</sup> May, 2022
3	Residential Advance Level Coding Boot Camp	11 <sup>th</sup> July to 13 <sup>th</sup> july,2022
4	Prabodh Level Training Program	29 <sup>th</sup> -30 <sup>th</sup> August,2022 & 1st-2nd September,2022
5	State Level Block Coding Competition- Hackathon	22 <sup>nd</sup> -23 <sup>rd</sup> September,2022
6	F.D.P Training	10 <sup>th</sup> October 2022 to 15 <sup>th</sup> October 2022
7	Event on Felicitation of ATL Exemplary Young Innovators of Gujarat	18th October 2022
8	Seminar on "Grassroot Innovation"	25 <sup>th</sup> January 2023
9	Innovation Workshop on “Basics of Mechanical Kit”	31 <sup>st</sup> January 2023
10	Innovation Workshop on “Basic of Electronics Kit”	8 <sup>th</sup> February 2023
11	Introduction to the world of IPR	November 5, 2020
12	Careers in Technological Startups	December 3, 2020
13	Career in Entrepreneurship	December 10, 2020
14	Idea To Venture	December 17, 2020
15	Basics of Marketing & Branding	December 24, 2020
16	How to Draft Project Proposals	February 1, 2021
17	Key points for pitching proposals	February 4, 2021
18	Innovation & Entrepreneurship Opportunity	September 9, 2021
19	Open Innovation for Academia	September 16, 2021
20	Creativity - A world within You	September 23, 2021

## INNOVATION CLUB WORKSHOP

Two days workshop was organized by the Department of Higher Education, Government of Gujarat at Science city from 26<sup>th</sup> April to 27<sup>th</sup> April,2022 for the coordinators of Ahmedabad district. Dr.Fahmeeda Shaikh and Dr. Apoorva Tripathi have actively participated in it.



## Summer Induction Training Program

ક્રમાંક.કેસીજી/૨૦૨૨-૨૩/૧૨૬૨  
નોલેજ કોન્સોર્ટીયમ ઓફ ગુજરાત,  
પી.આર.એલની સામે, નવરંગપુરા,  
અમદાવાદ - ૩૮૦૦૧૫  
તા.૦૫/૦૭/૨૦૨૨

પ્રતિ,  
આચાર્યશ્રીઓ  
સરકારી, બિન સરકારી અનુદાનિત અને ગ્રામ વિદ્યાપીઠની કોલેજો (ચાદી મુજબ)  
ગુજરાત રાજ્ય

વિષય: ગુજરાત રાજ્યની સરકારી, બિન સરકારી અનુદાનિત અને ગ્રામ વિદ્યાપીઠની કોલેજોને  
ઇનોવેશન તાલીમ પ્રોગ્રામની ગ્રાન્ટ ફાળવવા બાબત  
સંદર્ભ: ઉ.શિ કમિશ્નરશ્રીની કચેરીના પત્ર ક્રમાંક:ઉશિક/મકમ-૯/ઇનોવેશન કલબ/૨૦૨૨-  
૨૩/૧૮૮૬-૮૮, તા.૦૪/૦૫/૨૦૨૨નો પત્ર

કચેરી આદેશ.

ઉક્ત વિષય અને સંદર્ભ મુજબ ઉ.શિ કમિશ્નરશ્રીની કચેરી દ્વારા વર્ષ.૨૦૨૨-૨૩માં રાજ્યની સરકારી, બિન સરકારી અનુદાનિત અને ગ્રામ વિદ્યાપીઠની કોલેજોમાં ઇનોવેશન તાલીમ પ્રોગ્રામની ગ્રાન્ટ ફાળવવા બજેટમાં થયેલ જોગવાઈ મુજબ ગ્રાન્ટ ફાળવવાની વહીવટી મંજૂરી આપવામાં આવેલ છે. જે અન્વયે ઉચ્ચ શિક્ષણ કમિશ્નરશ્રીની કચેરી દ્વારા રૂ.૨૮,૬૧,૯૫૦/- (અંકે રૂપિયા અઠ્યાવીસ લાખ એકસઠ હજાર નવ સો પચાસ પુરા)ની ગ્રાન્ટની ફાળવણી કરવા કેસીજી કચેરીના હવાલે મુકેલ છે. જે અંતર્ગત દરેક કોલેજ ને રૂ.૫૯૫૦/- ની ગ્રાન્ટ ફાળવવાની થાય છે. જે મુજબ ૨૯૪ સરકારી અને ગ્રાન્ટ-ઇન-એડ કોલેજોને રૂ.૫૯૫૦/- ની ગ્રાન્ટ નીચેની શરતોને આધીન રહી ફાળવવાના આદેશ કરવામાં આવે છે.

શરતો:-

- 1) "One Day Summer Induction Workshop"ના આયોજન માટે ઇનોવેશન કલબ હેઠળની કોલેજોમાં ચા-નાસ્તો અને ભોજન માટે કોલજદીઠ રૂ. ૮૦૦ તેમજ જે કોલેજ ખાતે કાર્યક્રમનું આયોજન થનાર હોઈ તેવી કોલેજો માટે કોલજદીઠ ચા-નાસ્તા અને ભોજન ખર્ચ ઉપરાંત ૨(બે) બેનર માટે રૂ. ૧૦૦૦/- ના ખર્ચ કરી શકાશે.
- 2) જે હેતુ માટે ગ્રાન્ટ ફાળવેલ હોય તે જ હેતુ માટે ખર્ચ કરવાનો રહેશે. સદર મંજૂરી અન્વયે ફાળવેલ ગ્રાન્ટનો અન્ય હેતુ માટે ઉપયોગ કરી શકાશે નહિ.

- 3) મંજુર કરેલ અનુદાનનો ખર્ચ કરતા બચત રહે તો અત્રેની કે.સી.જી. કચેરીમાં તા.૩૦/૦૪/૨૦૨૩ પહેલા જમા કરાવવાની રહેશે.
- 4) ચૂકવાયેલ અનુદાનનું વપરાશી પ્રમાણપત્ર તમામ બીલો સહીત તા.૩૧/૦૫/૨૦૨૩ સુધીમાં મોકલી આપવાનું રહેશે.
- 5) આ મંજુરી અન્વયે કરવાનો થતો ખર્ચ જે તે વર્ષની અંદાજપત્રની જોગવાઈને આધીન અને ફાળવવામાં આવતી ગ્રાન્ટની મર્યાદામાં કરવાનો રહેશે.
- 6) ગુજરાત સરકારશ્રીના નાણા વિભાગની વખતોવખતની જોગવાઈઓને આધીન ધારાધોરણ અને નીતિ નિયમો અનુસાર ખર્ચ કરવાનો રહેશે. વધુમાં નાણાકીય ઔચિત્યના સિદ્ધાંતોનું ચૂસ્ત રીતે પાલન કરવાનું રહેશે.
- 7) ગ્રાન્ટના હિસાબો મહાલેખાકારશ્રી, અમદાવાદ/રાજકોટ, ઉચ્ચ શિક્ષણ કમિશ્નરશ્રીની કચેરી, ગુજરાત રાજ્ય ગાંધીનગર તથા ઉચ્ચ શિક્ષણ કમિશ્નરશ્રીની કચેરીની ઓડીટ પાર્ટીશ્રીને ઓડીટ સમયે આ અંગેના તમામ ખર્ચ કરેલા હિસાબો/વાઉચરોની ચકાસણી કરાવવાની રહેશે.
- 8) ફાળવેલ ગ્રાન્ટના ખર્ચના હિસાબો આચાર્યશ્રીએ અઘતન ફાઈલમાં તેમની કચેરીના સિનિયર અધ્યાપકશ્રીની સંયુક્ત સહી/સિક્ક સાથે નિભાવવાના રહેશે.
- 9) સદર રકમનો ખર્ચનો અહેવાલ અને કરેલ પ્રવૃત્તિનો અહેવાલ સમયાંતરે ઉચ્ચ શિક્ષણ કમિશ્નરશ્રીની કચેરીને મોકલી આપવાનો રહેશે.
- 10) ઉક્ત યોજના માટેના જે તે સમયે સરકારશ્રી દ્વારા નક્કી થયેલ શરતો, નિયમો, સૂચનાઓ, તથા લક્ષ્યાંકો અનુસાર જ કરવાપાત્ર થતી કામગીરી તથા ખર્ચ કરવાના રહેશે.
- 11) ઉક્ત શરતોને મંજુરી આપવામાં આવેલ હોઈ તેમાં કોઈ પણ સંજોગોમાં વિભાગની પૂર્વ મંજુરી વિના ફેરફાર કરી શકાશે નહિ અન્યથા તે અંગેની જવાબદારી જે તે કોલેજના આચાર્યશ્રીની રહેશે.

(માન.સીઈઓ,કેસીજીની નોંધ પર મળેલ મંજુરી અનુસાર)



ઓએસડી(એકાઉન્ટ અને એડમીન)  
કેસીજી,અમદાવાદ

બિડાણ:-ઉચ્ચ શિક્ષણની સરકારી, બિન સરકારી અનુદાનિત અને ગ્રામ વિદ્યાપીઠની કોલેજોની યાદી.



A one-day summer induction training program for 32 colleges of Ahmedabad district was organized on 18<sup>th</sup> May and 20<sup>th</sup> May, 2022 at Gujarat Arts and Science College, Ahmedabad by Department of Higher Education ,Government of Gujarat. A total of 168 persons including students and Innovation club coordinators of various colleges of Ahmedabad district participated in this program.



### **Residential Advance Level Coding Boot Camp (11 -7 -2022 to 13 -7- 2022)**

- ▶ Under Innovation club, A state level three days advanced coding residential boot camp was organized at Science city, Ahmedabad from 11<sup>th</sup> July to 13<sup>th</sup> July,2022 in which the projects of eight students of our college were selected and they got a chance to participate in coding competition “hackathon”.



### **Prabodh Level Training Program**

Prabodh level training program under Innovation Club was organized at Gujarat Arts and Science college from 29th August, 2022 to 30th August,2022 and 1st September,2022 to 2nd September,2022 for students studying in B.Sc and BA .

The training program was started with an Inaugural function arranged at the seminar hall of Gujarat Arts and Science College at 11:00 am on Monday, the 29<sup>th</sup> of August 2022. The function started with a prayer song. Prof. R. M. Patel, Principal, Gujarat Arts and Science College welcomed the dignitaries and the participants as well as delivered the inaugural address.

More than 60 students participated in this program and have enjoyed a lot while learning with great enthusiasm.

The first day training session was started at 12:00 noon and it was handled by Master trainer Mr. Kishore SinghRathore, Junior STEM and Robotics Coach, STEMbotix Pvt. Ltd. He had handled the class with the aid of PowerPoint presentation and the students actively participated in the session with great enthusiasm. The students were trained about Basic of Electronics kit, Mechanical kit and their uses .They were trained about voltage , Resistors, Current , Capacitor , Transistor , Ohm's Law, Use of Multimeter, Potentiometer , LED and Buzzer and type of switches .The students had also made a circuit on each topic on Breadboard under supervision of Master trainer Kishor Sir.

The second day training session was started at 11:30 am bymaster trainer Mr. Kishore. Students were trained about advance Electronics kit where they received the knowledge of chipset of arduino board .They have done several activities based on arduino board like LED blink push button ,buzzer alarm, coding in arduino, soldering wire.On other half of the session (i.e 2:30 to 5:00 pm),they were trained to assemble telescope and were guided about working principles of telescope.

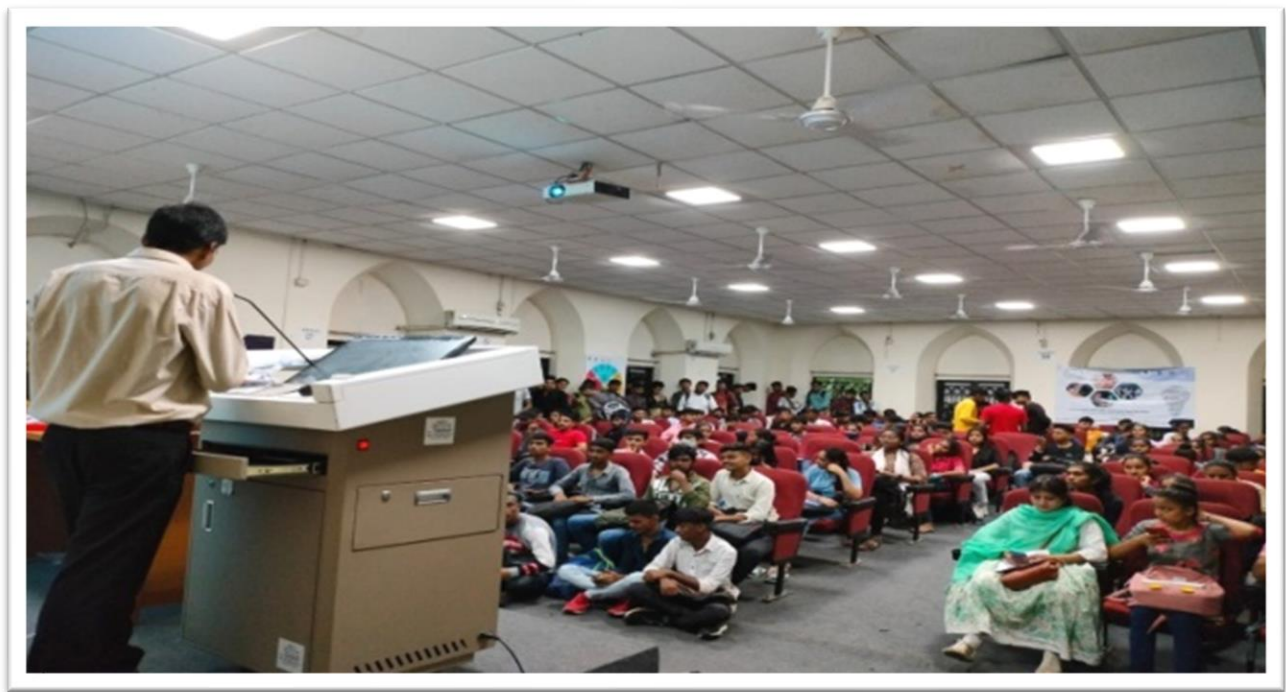
The third day training session was started bymaster trainer Mr. Kishoreat 11:30 am ends at 5:00pm. The training regarding “How to use the Mechatronics kits, Globe with Augmented reality, Advance science kit like 3D pen, Digital microscope, PH meter, and TDS meter” was provided to the students along with a hands-on experience.

The fourth day training session was started bymaster trainer Mr. Kishoreat 11:30 am ends at 5:00pm. The training regarding “How to use the Advance Electronics kits, Agri-Tech Kit and Energy Conservation Kit” as well as “How to fly the drone”was provided to the students along with a hands-on experience.

All the sessions were very informative and the participants expressed their gratitude for such an effective training. In the feedback supplied by the students, they have expressed their positive response towards the session handled by Mr. Kishore Rathore.

The function was concluded with vote of thanks proposed by Dr.FahmeedaShaikh, Coordinator of Innovation Club, Gujarat Arts and Science College, Ahmedabad.





## **State Level Block Coding Competition- Hackathon**

A two-days State Level Block Coding Competition hackathon was organized by the Department of Higher Education, Government of Gujarat at Science City on 22nd and 23rd September, 2022 in which more than 300 students from Arts, Commerce and Science colleges of the state participated.

A total of five students of our college participated in this competition and one student Maurya Akash reached the final round. Dr.Fahmeeda Shaikh was appointed as Innovation Club Coordinator for Ahmedabad district in this program.



## **F.D.P Training**

**Dr.Fahmeeda Shaikh, Innovation Club Co-Ordinator attended the Faculty Development Program on “Innovation Management in Higher Education” organized at KCG from 10 October 2022 to 15 October 2022 by Department of Higher Education, Gujarat Government.**





### Event on Felicitation of ATL Exemplary Young Innovators of Gujarat

**Innovation club co-ordinator Dr.Fahmeeda Shaikh had attended an event organised by the Education Department, Government of Gujarat in collaboration with Atal Innovation Mission, NITI Aayog for the Atal Tinkering Labs (ATL) of Gujarat at Auditorium, Karnavati University, Uvarsad Gandhinagar - 382422 on 18th October 2022 ,which was graced by the presence of several senior dignitaries and public office holders from the State and Central government. As part of the event, the most innovative ATL students and teachers from Gujarat were recognized. An exclusive Design Thinking session in Gujarati language was also held for all the attendees.**



## Seminar on "Grassroot Innovation"



A seminar cum motivational lecture on “Grassroot Innovation” by Chetanbhai Patel, Secretary Srishti Sanstha was organized at Gujarat Arts and Science College on 25 January 2023 for students studying in B. Sc and BA under Innovation Club. The inaugural program organized at 11:00 AM in the seminar hall of Gujarat Arts and Science College was started with a prayer song. Gujarat Arts and Science College Principal Prof. R.M. Patel welcomed the dignitaries and participants and delivered the inaugural address.

More than 70 students and all faculty members of the Innovation Club participated in the program and enjoyed learning with great enthusiasm. Chetanbhai Patel explained the term of grassroots innovation in very layman's language and gave examples of grassroots innovators recognized by the organization as well as the Government of India.

The lecture was very informative and the participants expressed their gratitude for such an effective and motivating seminar. In the feedback provided by the students, they have expressed their positive response towards the session conducted by Mr. Chetanbhai Patel. All



the participants were encouraged by giving certificates. Coordinator of Innovation Club, Gujarat Arts and Science College, Ahmedabad Dr. The program concluded with a vote of thanks by Fahmida Shaikh.



## Innovation Workshop on “Basics of Mechanical Kit”

Organized Innovation Workshop on “Basic of Mechanical Kit” on January 31, 2023 at Gujarat Arts and Science College. All faculty members and 25 students of Innovation Club were present in this event. First all the faculty members of the Innovation Club introduced the students about the different kits. A faculty member from the faculty introduced various tools of mechanical kit and then we gave a task to use those tools. Our innovation room did not have a door handle so we gave the students the task of fitting the handle properly and our enthusiastic and innovative students did the task satisfactorily and similarly we assigned another task of repairing the pH meter box of the physics lab which had no screws in the box. And the two parts of that box were different. Our student rearranged it with a screwdriver and screws and reassembled the box. The students got practical knowledge of the instrument and they all wanted to do different things like this. After that we finished our experimental work of the mechanical kit and the tools of that kit. All the students participated wholeheartedly and enthusiastically in this activity.





## Innovation Workshop on “Basic of Electronics Kit”

A training program on Basic of Electronic Kit was arranged for students under Rose Innovation Club on February 8, 2023 in Gujarat Arts and Science College. The timing of the program was 3.00 pm to 5.00 pm. All interested students were present. First our faculty members introduced various tools like EC board, different colored wires, LED lights, resistors, conductor wire cutting tools etc. After completing the introduction we trained them how to connect the wires to the circuit and how to start, buzzing sounds and how to start LED lights using this circuit. After that we gave the students tools, wires and circuits to connect. Some students did well while few students failed to connect the wires to the circuit board. All interested students participated in this activity wholeheartedly and enthusiastically.

