

KG College of Arts and Science Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGiSL Campus, Saravanampatti, Coimbatore-641007

Criterion 7: Institutional Values and Best Practices

Key Indicator 7.3: Institutional Distinctiveness

Supporting Document - 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust

Industry Embedded Education

- **★** Training on Communication & Soft Skills
- **★ Promoting Career Skills**
- **★ Inculcating Entrepreneurism**
- **★ Evidence of Success**

Promoting Career Skills

MoUs Signed to Offer Value Added Courses

Programmes	Organization
 B.C.A B.Sc. Computer Science B.Sc. Information Technology B.Sc. Computer Technology B.Sc. Electronics and Communication systems M.Sc. Software Systems M.Sc. Computer Science 	coursera
 B.Com. B.Com. with Computer Applications B.Com. with Professional Accounting B.Com. with Information Technology B.B.A. B.B.A with Computer Applications M.Com. with International Business 	GOVERNMENT OF MICRO, SMALL A MEDIUM ENTERPRISES
B.Sc. Biotechnology	BIOXPLORA Exploring the bio era
All the programmes	spoken-tutorial Powered by Ministry of Human Resources and Development, Government of India.

Value Added Courses Offered Through Coursera

Mode of classes and assessment : Online

Mentors : KGCAS faculty members

	Bouquet of Courses (BCA, B.Sc. CA, B.Sc. IT, B.Sc. CT, M.Sc. SS & CS)				
Semester	Track - 1	Track - 2	Track - 3		
	Web Development	Software Development	AI/Big Data/ML/DL/Data Science		
I	HTML, CSS and JavaScript for Web Developers (40 hrs.)	Crash course in Python (32 hrs.)	AI for Everyone (3 months)		
п	Web design for everybody - basics of web development and coding (6 months)	Using Python to Interact with the Operating System (31 hrs.)	Introduction to Tensor Flow for Artificial Intelligence, Machine Learning, and Deep Learning (30 hrs)		
Ш	Front-End JavaScript Frameworks: Angular (38 hrs.)	Data Science Fundamentals with Python and SQL (30 hrs.)	Big data master certificate (30 hrs.)		
IV	Front-End Web UI Frameworks and Tools: Bootstrap 4 (31 hrs.)	Python for Everybody Specialization (30 hrs.)	Machine Learning Master certificate (30 hrs.)		
Semester		Courses (B.Sc. ECS)			
I	English for Science, Technology, Engineering and Mathematics (35 hrs.)				
II	Building Arduino robots and devices (30 hrs.)				
III	Digital Systems: From Logic Gates to Processors (30 hrs.)				
IV	An Introduction to Programming the Internet of Things (IoT) Specialization (65 hrs.)				

Value Added Courses Offered Through MSME and NSE

Mode of classes : Offline Mode of assessment : Online Class handling : Trainer

: Trainers from MSME and NSE

Semester	Courses Offered B.Com., B.Com. CA, B.Com. IT, B.Com. PA, BBA, BBA CA
I	Financial Markets by NSE (30 hrs.)
II	Financial Derivatives by NSE (30 hrs.)
III	Stock market Analysis (30 hrs.)
IV	Wealth Management by NSE (30 hrs.)
V	Income Tax Practitioner by MSME (40 hrs.)
VI	GST Practitioner by MSME (30 hrs.)

Value Added Courses Offered Through Bioxplora

Mode of classes & Assessment : Online

Class handling : Trainers from Bioxplora

Course duration : 35 hrs.

Semester	Courses Offered (B.Sc. Biotechnology)	
I	Chemical databases: CSD, ACD, WDI, ChemBank, hazardous chemical database, PUBCHEM.	
II	X-ray Crystallography & Molecular Replacement	
III	Bioinformatics	
IV	DNA Barcoding - tool to identify illegal wildlife trade. Microbial and plant forensic-investigation methodology. Varietal information system - plant breeding.	
V	Medical coding	
VI	Drug Discovery and design: Target identification, Target Validation.	

Value Added Courses offered through IIT Bombay Spoken tutorial

Mode of classes and assessment : Online

Mentors : KGCAS faculty members

Course duration : 30 hrs.

Programme	Semester	Courses Offered
B.Sc. Mathematics	III	Latex
B.Sc. Maniematics	V	R Programming
B.Sc. ECS	V	Arduino
	V	Option 1 Android with kotlin
B.Sc. CS, IT, CT & BCA		Option 2 Joomla
		Option 3 PhP and MySQL
M.Sc. Mathematics	III	Application of Geogebra
M.Sc. Software Systems	IX	Android with kotlin & Drupal
M.Sc. Computer Science	III	Android with kotlin

Academic Alliance with UiPath



Report on Hands -on session in Robotic Process Automation

Title of the Programme: Hands on-session in Robotic Process Automation

: 01-December-2022 to 08-December-2022 Date

Venue : KiTE Auditorium

Number of Participants: 113

Objective of the Programme:

To teach the students how to create software robots which can automate the repeated manual tasks Students, will learn for the software process automation.

Registration responses:

https://docs.google.com/spreadsheets/d/1HyasoY7ODafYvkOdLd7-VNEhzmXsu7PiSzDa-HDWsZU/edit#gid=1036985734

Attendance Link:

https://drive.google.com/file/d/1FNQYehzsPnIz1Ujrko0VWiSGvkpQGtuy/view?usp=sharing

Brochure:



01/12/2021 to 08/12/2021 - Hands on session on Robotic Process Automation





Feedback / Outcome of the Programme:

Students learnt how the manual entry of repeated task in the excel, web browser can be done automatically through creation of bots.

Report on Hands -on session in Robotic Process Automation

Title of the Programme: Hands on-session in Robotic Process Automation

Date : 11-April-2022, 13-April-2022 and 18-April-2022 to 25-April-2022

: IIM Auditorium - V Floor Venue

Number of Participants: 184

Objective of the Programme:

Robotic Process Automation hands-on session was conducted to impart the basic knowledge on the creation of bots.

Registration responses:

https://docs.google.com/spreadsheets/d/1zRxOiPr5hwRiDy9xbrMYgKoVIje7pMUyl69acXAo ku4/edit#gid=966823823

Attendance Link:

https://drive.google.com/file/d/12VZZo3mFdwhp0scf39Ozpox9b4h BeWT/view?usp=sharing

Brochure:



11/04/2022 to 13/04/2022 – Hands on session on Robotic Process Automation

Photographs:





Outcome:

Students are given tasks for automation. They are able to automate and do the tasks which are of repetitive nature.

Inculcating Entrepreneurism Institutions Innovation Council (IIC)

Establishment Certificate



Rating Certificate (2018)



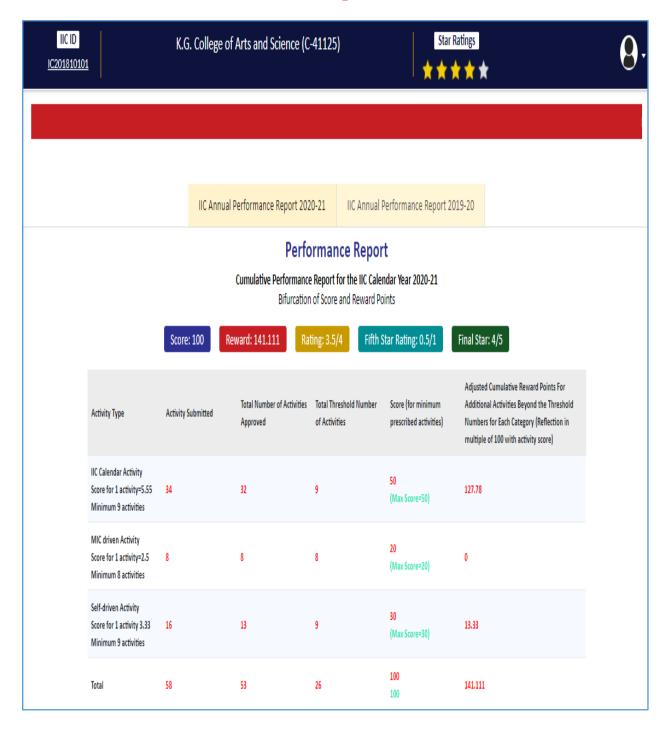
Rating Certificate (2019)



Rating Certificate (2020)

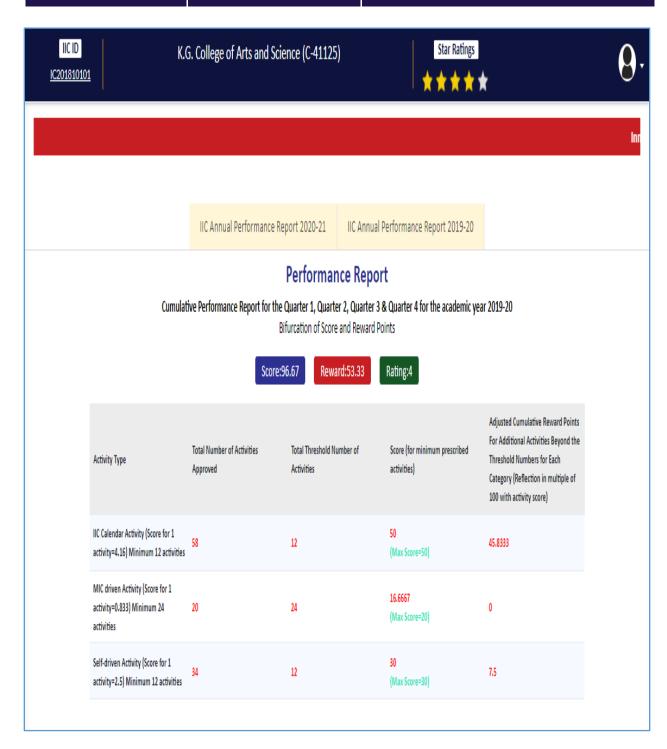


Performance Report (2020-21)



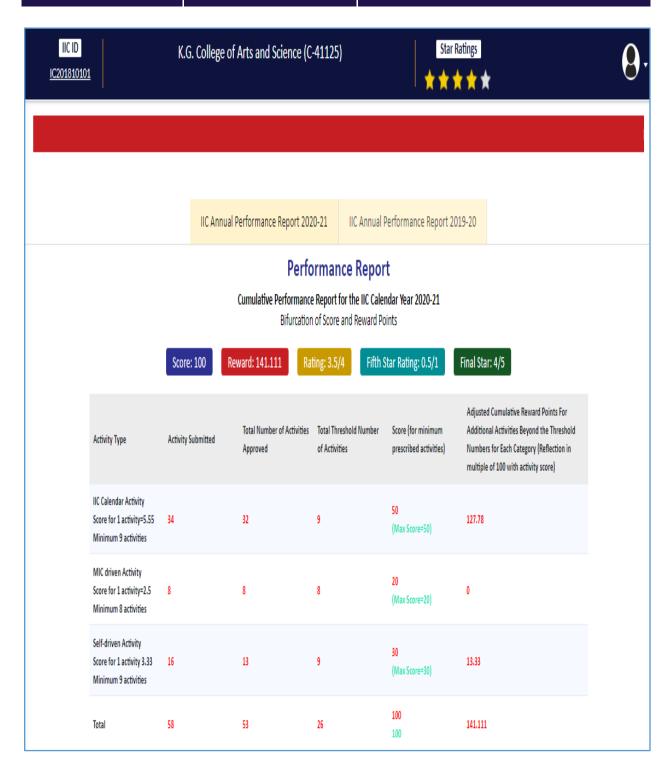
KG College of Arts and Science **Criterion 7 – Institutional Values and Best Practices**

7.1.3 Portray the performance of the Institution in one area distinctive to its priority and thrust

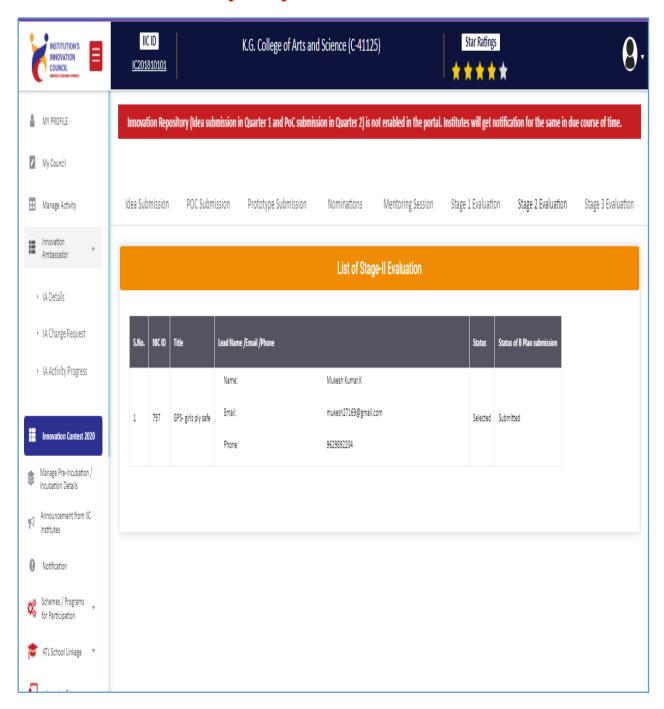


KG College of Arts and Science Criterion 7 – Institutional Values and Best Practices

7.1.3 Portray the performance of the Institution in one area distinctive to its priority and thrust



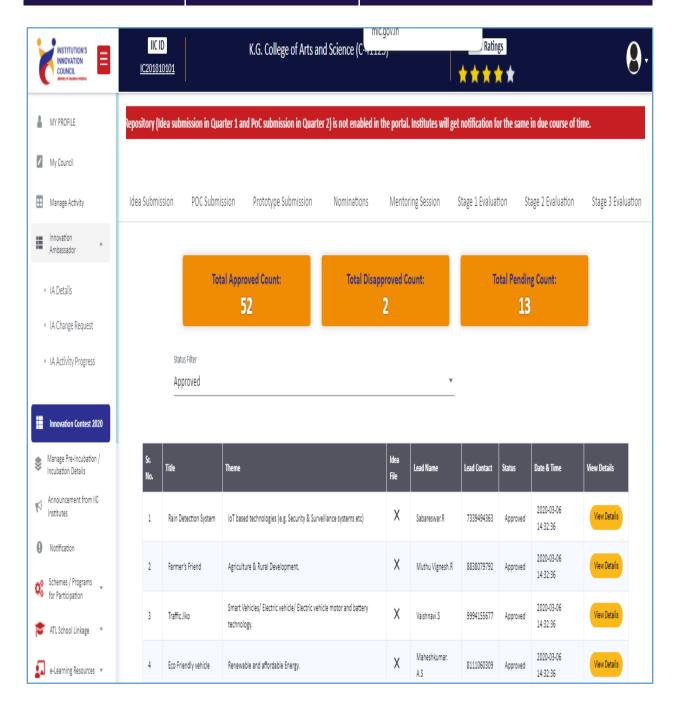
Students participation in Innovation Contest



KG College of Arts and Science

Criterion 7 – Institutional Values and Best Practices

7.1.3 Portray the performance of the Institution in one area distinctive to its priority and thrust



IIC Activities organized during the year 2021-22

S. No.	Date of the Activity	Type of Activity	Theme	Programme Name	No. of Participants
1	11/09/2021	Motivation Speech	Startup	My Story - Motivational Session by Successful Entrepreneur/Start-up founder.	100
2	22/10/2021	Motivation Speech	Startup	India Startup Day	75
3	11/11/2021	Exhibition/ Demo Day	Design Thinking & Critical Thinking	National Education Day	60
4	12/11/2021	Workshop	R&D and Innovation	Entrepreneurship and Innovation as Career Opportunity	60
5	27/11/2021	Motivation Speech	Startup	My Story - Motivational Session by Successful Innovators.	100
6	10/12/2021	Motivation Speech	IPR	National Innovation Day	91
7	10/12/2021	Exhibition/Demo Day	Design Thinking & Critical Thinking	National Pollution Control Day	30
8	16/12/2021	Exhibition/Demo Day	Design Thinking & Critical Thinking	National Energy Conservation Day(India)	93
9	18/12/2021	Workshop	Design Thinking & Critical Thinking	Workshop on Design Thinking, Critical thinking and Innovation Design	75
10	21/12/2021	Exhibition/Demo Day	R&D and Innovation	National Science Day	475

S. No.	Date of the Activity	Type of Activity	Theme	Programme Name	No. of Participants
11	11/01/2022	Motivation Speech	R&D and Innovation	Orientation Session on IIC4.0 & Features	68
12	11/01/2022 - 12/01/2022	Workshop	Design Thinking & Critical Thinking	E-Symposium on Building Innovation Ecosystem in Educational Institutions	200
13	21/01/2022	Workshop	Design Thinking & Critical Thinking	Pitching Event for PoCs developed & linkage with Innovation Ambassadors for mentorship support.	57
14	10/02/2022	Workshop	Entrepreneurship	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	101
15	15/02/2022	Leadership Talk	R&D and Innovation	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies & Technologies	89
16	26/02/2022	Webinar	Prototype Design	Process Design Developing and Prototyping	142
17	03/03/2022	Field Visit	Entrepreneurship	Field/Exposure Visit to Pre- incubation units such as Fab lab, Makerspace, Design Centers, City MSME clusters, workshops etc.	30
18	25/03/2022	Guest Lecture	Design Thinking & Critical Thinking	Importance of Vaccination	100

IIC Activities organized during the year 2020-21

S. No.	Date of the Activity	Type of Activity	Theme	Programme Name	No. of Participants
1	09/07/2020	IIC Calendar Activity	Orientation	Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship	574
2	16/12/2020 - 23/12/2020	IIC Calendar Activity	Innovation	Pitching workshop & linkage of innovators with Innovation Ambassadors	248
3	11/12/2020	IIC Calendar Activity	Innovation	Session on Problem Solving and Ideation Workshop	1181
4	04/09/2020	IIC Calendar Activity	StartUp	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	147
5	17/11/2020	IIC Calendar Activity	Innovation	My Story - Motivational Session by Successful Innovators	257
6	12/11/2020	IIC Calendar Activity	Entrepreneur	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	688

S. No.	Date of the Activity	Type of Activity	Theme	Programme Name	No. of Participants
7	01/10/2020 - 30/11/2020	IIC Calendar Activity	Internship	Semester Break : Internship at startup	35
8	30/01/2021	IIC Calendar Activity	Orientation	Orientation Session on National Innovation and Startup Policy (NISP)	121
9	03/10/2020	IIC Calendar Activity	Innovation	Session on How to write case study/ report on innovation happening at the campus and publish the case studies in the Institute webpage	560
10	07/11/2020	IIC Calendar Activity	Innovation	Orientation session for all students & faculties of Institute by Innovation Ambassador	25

Report of the IIC activity



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University and Accredited by NAAC KGiSL Campus, Coimbatore - 35

Name of the Department	INFORMATION TECHNOLOGY	
Name of the department Association / Club	Creative Ideas Club	
Activity	Guest lecture / Seminar / Webinar / Workshop / Club Inauguration	
Dateof the activity	13.10.2021	
Title of the activity	Webinar on "How to develop Innovative Projects"	
Objective	To encourage students of various departments to start their innovative projects by giving clear explanation with existing project demonstrations.	
Resource Person	Dr.K.Pandian Controller of Examinations, Professor in Inorganic Chemistry, University of Madras, Guindy Campus, Chennai.	
Total no. of beneficiaries	100	
Outcome / Report	Creative Ideas Club of Department of Information Technology in association with Institution's Innovation Council(IIC) organized this event. Our students had an opportunity to get an overview on innovative projects and how to develop innovative projects in	



KC College of Arts & Science

Affiliated to Bharathiar University & Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Saravanampatti, Coimbatore - 641 035, Tamil Nadu, INDIA.

Department of Information Technology

The Management, The Principal, Members of the Faculty and Students of Department of Information Technology and the

CREATIVE IDEAS CLUB
in association with
INSTITUTION'S INNOVATION COUNCIL(IIC)



invite you all for the webinar on HOW TO DEVELOP INNOVATIVE PROJECTS



Dr.K.PANDIAN

Controller of Examinations

Professor in Inorganic Chemistry
University of Madras, Chennai

13.10.21

10.30 A.M.

Meet Link: https://meet.google.com/zzt-dniu-npr

Dr.S.Vijaya Organizing Secretary Ms.M.Usha HoD, Convenor Dr.J.Rathinamala Principal



... All are invited ...

www.kgcas.com

Creative Ideas Club

List of Activities

S. No.	Academic Year	Date	Event Name
1	2021-22	07/06/2021	Creative Ideas Club Inauguration - Program on Creative Young Entrepreneurs-Carve Your Own Path
2	2021-22	19/04/2022	Interdepartmental Competition -"DIY(Do It Yourself) Ideas - Waste Utilization"
3		18/09/2020	Creative Ideas Club Inaugurated by conducting Webinar on the title "Design Thinking and Creative Ideas"
4		11/11/2020	Induction Programme to the first year students on the title "Innovations Products"
5		27/11/2020	Webinar on the title "Product Innovation Types and Challenges"
6	2020-21	23/12/2020	Inter Departmental Hackathon 2020
7		11/12/2020	Webinar on the title "Innovation Planning and Development"
8		29/12/2020	Workshop on "Problem Solving in Data Science"
9		15/02/2021	Ideation Camp On "Mentorship Session for Innovators"

Report of the Activity



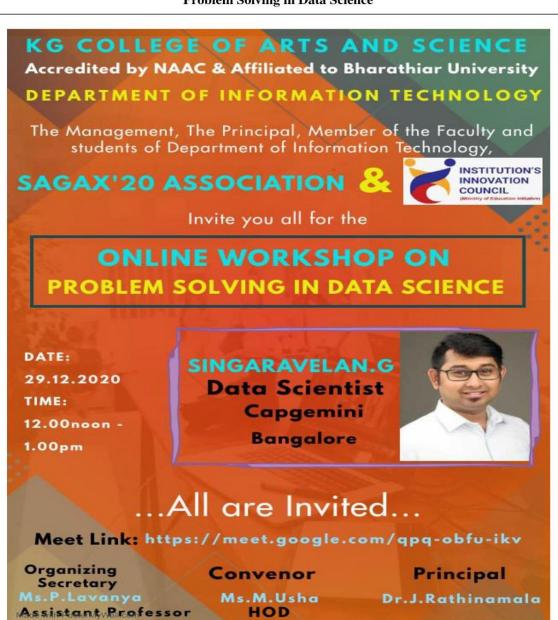
KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University and Accredited by NAAC KGiSL Campus, Coimbatore - 35

Name of the Department	INFORMATION TECHNOLOGY
Name of the department Association / Club	SAGAX'20
Activity	Guest lecture / Seminar / Webinar / Workshop / Association Inauguration
Date of the activity	29.12.2020
Title of the activity	Problem Solving in Data Science
Objective	 To define a problem in data science and its levels of expectation. To explain the types of Machine Learning models. To demonstrate with the popular use case.
Resource Person	Mr.G.Singaravelan, Data Scientist, Capegemini, Bangalore.
Total no. of beneficiaries	100
Outcome / Report	The Resource Person Mr.G.Singaravelan explained how to define a problem in data science and its levels of expectation, the different data science roles and responsibility, the Data science tool box, the types of Machine Learning models and the popular use case.

DEPARTMENT OF INFORMATION TECHNOLOGY

Problem Solving in Data Science



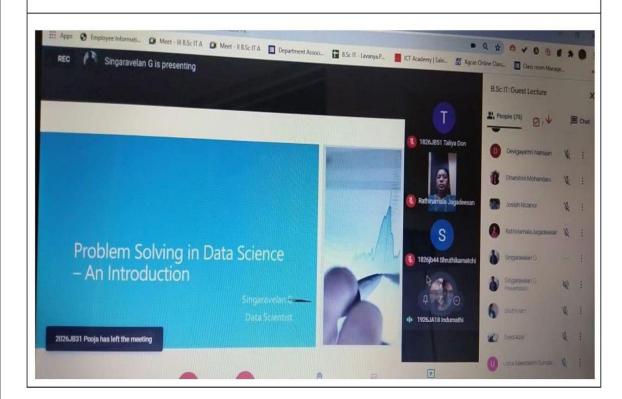
DEPARTMENT OF INFORMATION TECHNOLOGY

Problem Solving in Data Science

by

Mr.G.Singaravelan,

Data Scientist, Capegemini, Bangalore.



Evidence of Success

Protosem programme sponsored by FORGE for the exemplary performance of the students in the Innovation BootCamp



Forge Offer Letters

COIMBATORE INNOVATION AND BUSINESS INCUBATOR

CIN NO: U80302TZ2014NPL020373

OFFER LETTER

ADMISSION TO FORGE.FELLOWS PROGRAM

On behalf of the Board of Governors of CIBI (Coimbatore Innovation and Business Incubator), referred to as FORGE henceforth, I offer S. Pavith Vishnu, K. Thinnappan & M.Kavin Kishore, (students of KG College of Arts and Science, Coimbatore referred to as FORGE Fellow) admission to the FORGE.FELLOWS Program, on the basis that the innovative idea Warning systems for monitoring animal movements in farms & forests was selected among the Top 3 Ideas in the HWHackathon.18.1 organised on the 9th February 2018 at FORGE.FACTORY.

The FORGE Fellow has been offered admission to the FORGE.FELLOWS program in the Model#1 [Residential Training + Pre-Incubation Program] by FORGE. The program offers a Grant of Rs. 5 Lakhs per team with up to 3 students/graduates and the grant shall include cash prize paid directly to the beneficiaries, monetary value of various resources and services (co-working & innovation lab facilities, residential boarding & lodging, mentoring, prototyping expenses etc.) offered by FORGE through the different phases of the FORGE.FELLOWS program, and seed grant transferred directly to the private company promoted by the student/graduate beneficiaries (in which an authorised representative of FORGE shall be appointed on the Board as Director/Observer).

The offer for admission to the FORGE.FELLOWS program shall be valid only up to 15th February, 2018 before which the FORGE Fellow shall have to submit the signed copy of this letter along with the signature of the Principal of the institution, and the admission is subject to the FORGE Fellow signing the MoU with FORGE and accepting the terms and conditions of the program.



Vishwanathan Sahasranamam Chief Executive Officer



Date: 9th Feb, 2018
Place: Coimbatore

We, S. Pavith Vishnu, K. Thinnappan & M.Kavin Kishore hereby accept this offer for admission to the FORGE.FELLOWS program, and understand that this offer for admission is subject to signing the MoU with FORGE and accepting the terms and conditions of the program.

S. Pavith Vishnu K. Thinnappan M.Kavin Kishore

On behalf of the management of KG College of Arts and Science, I hereby acknowledge the receipt of the offer letter for admission to the FORGE.FELLOWS Program offered by FORGE. I confirm that we will provide the required support to the students so as to facilitate their successful completion of the ProtoSem.MI course from Feb to May, 2018.

Principal KG College of Arts and Science, Coimbatore

KCT Tech Park, #3, Athipalayam Road, Chinnavedampatti, Coimbatore - 641049

www.forgeforward.in



COIMBATORE INNOVATION AND BUSINESS INCUBATOR

CIN NO: U80302TZ2014NPL020373

www.forgeforward.in

OFFER LETTER
ADMISSION TO PROTOSEM PROGRAM [SPONSORSHIP] On behalf of the Board of Governors of CIBI (Coimbatore Innovation and Business Incubator), referred to as FORGE henceforth, I offer SANTHOSH.
the ProtoSem program, on the basis that the student's performance was exemplary. The student was selected the ProtoSem program, on the basis that the student's performance was exemplary. The student was selected the ProtoSem program, on the basis that the student's performance was exemplary. The student was selected the ProtoSem program, on the basis that the student's performance was exemplary. The student was selected the ProtoSem program, on the basis that the student's performance was exemplary. The student was selected the ProtoSem program, on the basis that the student's performance was exemplary.
The FORGE Fellow has been offered admission to the ProtoSem program, that is offered for the standard fee of Rs. 65,000 per student [Sponsored by FORGE]. On successful completion of the ProtoSem and on the basis of recommendations received from the jury of experts who shall evaluate the progress achieved and performance during the ProtoSem program, further to which FORGE shall offer the admission to the FORGE.FELLOWS pre-incubation program [LaunchPad].
The offer for admission to the ProtoSem program shall be valid only up to August 1, 2018 before which the FORGE Fellow will have to submit the signed copy of this letter along with the signature of the Principal of the institution.
Vishwanathan Sahasranamam Date: 28-07-2018
Chief Executive Officer Place: Coimbatore
I, <u>SANTHOSH</u> hereby accept this offer for admission to the ProtoSem program, and understand that this offer for admission is subject to signing the Offer Letter on/before August 1, 2018 with FORGE and accepting the terms and conditions of the program.
<signature of="" student=""></signature>
On behalf of the management of KGr. COLECTE OF PRIS AND SCIENCE, I hereby acknowledge the receipt of the offer letter for admission to the ProtoSem program offered by FORGE. I confirm that we will provide the required support to the students so as to facilitate their successful completion of the ProtoSem course from August 2018 to December 2018.
Principal
KCT Tech Park, #3, Athipalayam Road, Chinnavedampatti, Coimbatore - 641049

Students project funded by TNSCST

தமிழ்நாடு அறிவியல் தொழில்நுட்ப (Established by Government Directorate of Technical Education Cam Ph: 044-22301428, Telefax: 044-2230 RASRINIVASAN, M.Sc., Ph.D.,F.I.C.S., M.A.C.S.(US)	of Tamilnadu) pus, Chennai – 600 025. 1552 <u>www.tanscst.nic.in</u>				
To _{All heads} of the institution					
Sub: TNSCST – Student Project Scheme – 2019-2020 – approval intimation—grant release- reg. With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and seminar paper in time. Herewith enclosed the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest. Kindly send the utilisation certificate (format enclosed) and seminar paper (ref.T&C-no5&6) on completion of the project.					
Thanking you,	Yours faithfully,				
	Member Secretary.				
Encl: a) Terms & Conditions (T&C) b) Format of Utilisation Certificate (UC) c) Cheque for Rs. No: Copy to: The individual guides.	dt:				



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாதில் மன்றம்

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY 3 2022

(Established by Government of Tamilhadu) 3 268

Directorate of Technical Education Campus, Chemisi - 600 025 Ph : 044-22301428, Telefax : 044-22301552 www.lanscst.nic.in

Dr.R. Srinivasan, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA)., Member Secretary

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Prinicipal

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11 03 2022

Lr,No.TNSCST/SPS/2021-2022/

To

The Principal

KG College of Arts and Science Saravanampatti, Combatore-641035

Sir/Madam,

Sub: TNSCST - Shudent Project Schome (2021-2072) - approval intinution-grant release- reg

.....

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and seminar paper in time.

No	Guide Name and Institutional Address	Title of the Project	Students Name	Project Code	Amount
1	Er V V Gomathi Assistant Professor, Dept. of Software Systems KG College of Arts and Science, Suravanampatts, Combutore-641035	Automation of distribution system of Ration through Digital Platform	Vinusree J Sruthi J M Navin K C Robith S	88-301 +	7500/-
	Dr. B. Sangeetha Assastant Professor, Dept. of Batechnulogy KG College of Arts and Science, Suravanampatts, Combatore 641035	Study on Medical Zeolite for Oxygen Concentrator	Ramanan S Manikandan R	88-777	7500)

Herewith enclosed the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest.

Kindly send the utilisation certificate (format enclosed) and seminar paper (Ref T&C-No 5&6) on completion of the project.

Thanking you.

Yours tathfully

Member Secretary

Enct a) Terms & Conditions (T&C)

- b) Format of Utilisation Certificate (UC)
- c) Cheque for Rs 15,000/- No 207212 dt 11.03.2022

Copy to: The individual guides

I Place in Toycathon Physical Track II



I Place in Toycathon Physical Track II



25/05/2022 - Toykathon Physical Track Event



First Prize in Binance Ideathon



First Prize in Binance Ideathon

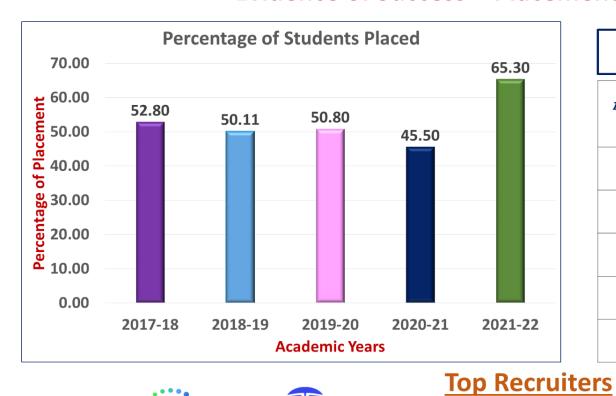


Selection for Finals – SIH 2022





Evidence of Success – Placement Record



The Maximum and Median Salary of KGCAS Placements (Last Five Years)

Academic Year	Maximum Salary (Per Annum in Lakhs)	Minimum Salary (Per Annum in Lakhs)
2021	7.21	3.00
2020	3.82	2.00
2019	3.82	2.00
2018	3.00	1.85
2017	3.00	1.85

















































