

CONNECT

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DEPARTMENT OF COMPUTER TECHNOLOGY AND INFORMATION TECHNOLOGY

KONGU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)



Affiliated to Bharathiar University, Coimbatore

Approved by UGC & AICTE, New Delhi and Re-accredited by NAAC,

DBT STAR College Scheme

(ISO 9001 : 2015 Certified Institution)

Nanjanapuram, Erode - 638 107

Website : www.kasc.ac.in Email : ctit.kasc@gmail.com

Phone : 0424 - 2242880

VISION

To impart knowledge and skills to the students through training and research activities to make them as competent and renowned IT Professionals.

MISSION

- N To update the technological changes among the students.
- N To train the students to meet the challenges of life.
- N To inculcate moral values among the students.

EDITORIAL BOARD

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Correspondent

Patron

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Information Technology

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Information Technology

Ms. N.Renuka
Assistant Professor
Department of Computer Technology and
Information Technology

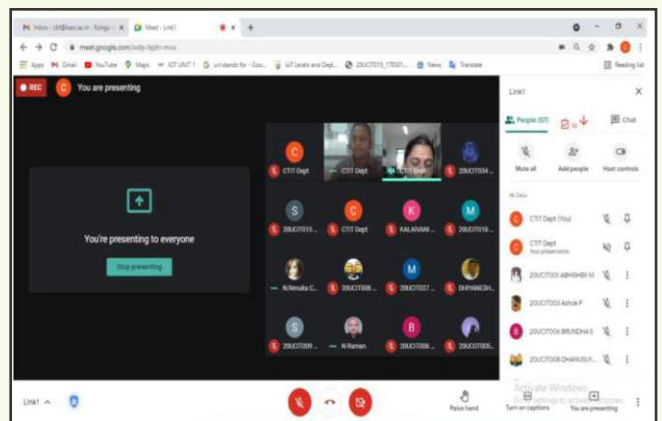
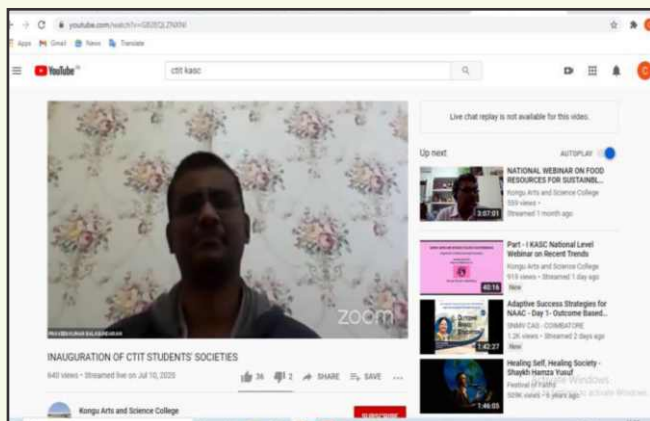
CTIT STUDENT COUNCIL

Student Chairperson	: Akshitha S	III B.Sc. (Information Technology)
Vice Student Chairperson	: Akshaya Shree B.A	III B.Sc. (Computer Technology)
Student Secretary	: Bhavan M	II B.Sc. (Information Technology)
Joint Student Secretary	: Sukesh P	II B.Sc. (Computer Technology)

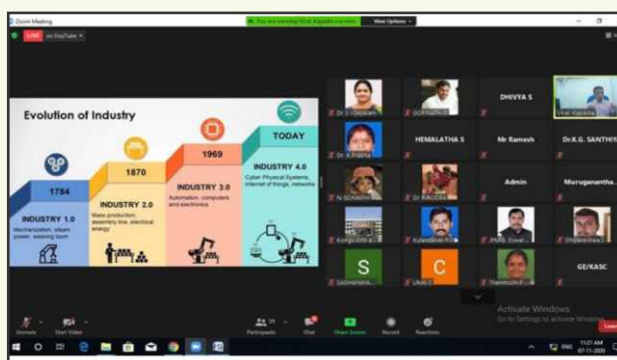
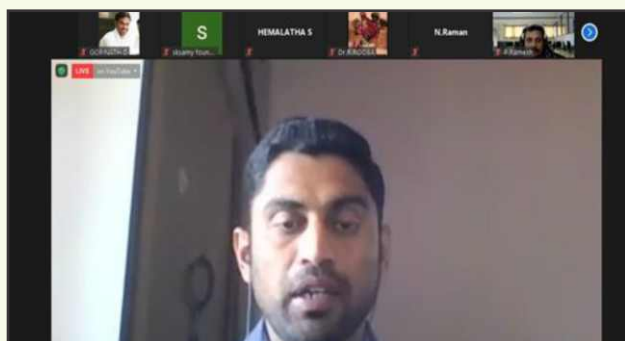
STUDENT COORDINATORS

Technopedia Association	: Guruvasan. V	III B.Sc. (Computer Technology)
Reunion Alumni Association	: Birundambikai K	III B.Sc. (Information Technology)
Social Responsibility Cell	: Bharani. M	II B.Sc. (Computer Technology)
Academic Counselling Cell	: Tamilarasi. S	III B.Sc. (Computer Technology)
Green Computing Forum	: Taranath D.V	III B.Sc. (Computer Technology)
Consultancy Service Cell	: Sureshkumar. K	III B.Sc. (Information Technology)
Aptitude and Soft Skill Training Cell	: Jayadheswarasivam A S	III B.Sc. (Information Technology)
Higher Education Club	: Boomeshwaran. J	III B.Sc. (Computer Technology)
Cultural Club	: Sanmathi. S	III B.Sc. (Computer Technology)
Industry Institute Interaction Cell	: Dinesh T	III B.Sc. (Computer Technology)

- The Installation of Office Bearers of the CTIT Student Council was held on 22.12.2020.
- Awards Day was celebrated on 29.04.2021.



TWO DAY INTERNATIONAL VIRTUAL SEMINAR ON INDUSTRY 4.0



Two- Day International Virtual Seminar on “INDUSTRY 4.0” was organized in association with the Departments of Computer Science (UG) and Computer Applications (UG) from 06.11.2020 to 07.11.2020. Dr. Dhenesh V Subramanian, Faculty, IIBIT – Federation University, Adelaide, Australia, who inaugurated the seminar by delivering the inaugural address.

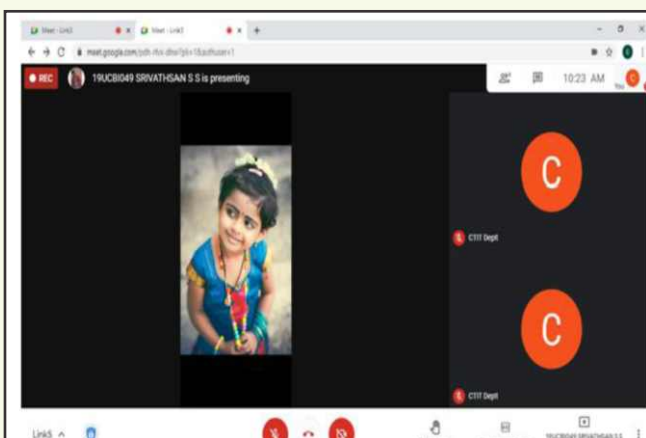
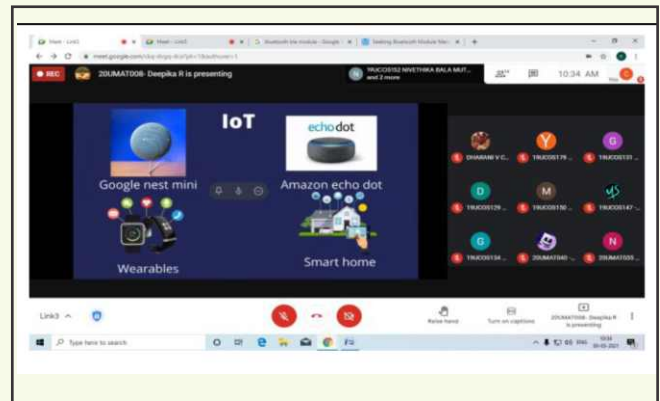
Dr. P.B.Pankajavalli, Assistant Professor, Department of Computer Science, Bharathiar University, Coimbatore, conducted the Technical Session I “An Introduction to Industry 4.0 Technologies”. Dr. Dhenesh V Subramanian, Faculty, IIBIT – Federation University, Adelaide, Australia, conducted the Technical Session II “Cyber Security”.

Dr.S.Vijayarani, Assistant Professor, Department of Computer Science, Bharathiar University, Coimbatore, conducted the Technical Session III “Big Data Analytics: A Holistic View”. Dr.Viral V Kapadia, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, conducted the Technical Session IV “Smart Manufacturing”.

Dr.Viral V Kapadia, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vododara, Gujarat, who concluded the seminar by delivering the valedictory address. 1008 participants from different countries like China, Saudi Arabia, Libya, Nepal, Philippines, Bangladesh and Nigeria were benefitted.

TECHFEST'21

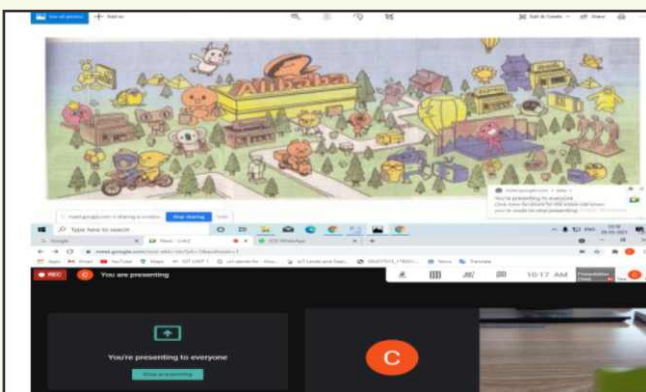
The 9th Intramural Virtual Technical Symposium Techfest'21 was conducted on 30.03.2021.



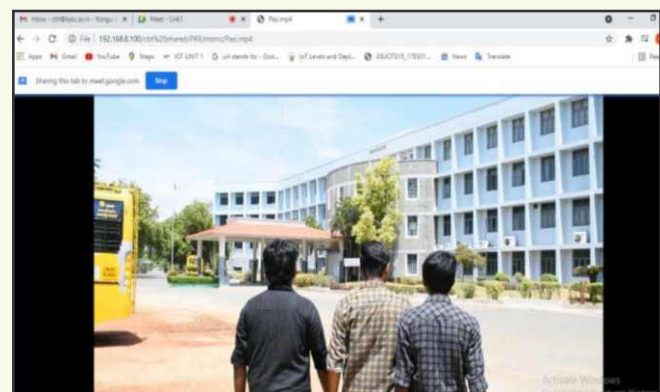
Photografia



Paper Presentation



Doodle Dragon



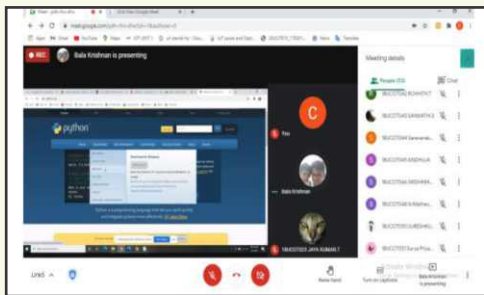
My Story My Content

VALUE ADDED COURSES

- Certificate Course in CORELDRAW
- Certificate Course in THE ART OF C PROGRAMMING

STUDENT ENRICHMENT PROGRAMME

Dr.P.Kalarani and Ms.C.Kalaivani, Assistant Professors, Department of Computer Technology and Information Technology, conducted a workshop on “Office Automation” for the first year students on 20.03.2021.



Ms.N.Vijaya, Technical Consultant, (Microsoft Certified Technology Specialist), Oracle Certified Professional, Accent Technosoft, Coimbatore, conducted a virtual workshop on “Python Programming” for the final year Computer Technology students on 02.03.2021.

Mr.T.Matheiyarshan, Mobile App Developer, Accent Technosoft, Coimbatore, conducted a virtual workshop on “Android Programming” for the final year Information Technology students on 03.03.2021.



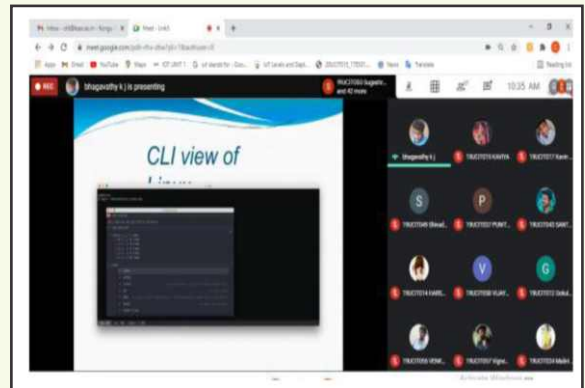
Mr.T.Matheiyarshan, Mobile App Developer, Accent Technosoft, Coimbatore, conducted a virtual workshop on “PHP Programming” for the pre final year Computer Technology students on 18.03.2021.

ACADEMIC COUNSELLING CELL

- Students Counselling
- Class Committee Meeting
- HOD's review meeting with the students

STUDENT ENRICHMENT PROGRAMME

Mr.K.J.Bagavathy, System Engineer, Accent Technosoft, Coimbatore, conducted a virtual workshop on “Linux Administration” for the pre final year Information Technology students on 19.03.2021.



Mr. Gurubalaji Gururaj, Sai Skill Development Center, Coimbatore and faculty members of our department conducted the Orientation Programme for the first year students on the following topics from 24.08.2020 to 28.08.2020.

- Personality Development Programme
- Bridging the gap
- Art of Communication
- Basics of IT

DEPARTMENT INITIATIVES

IT BULLETIN

INFOLINE MAGAZINE

TECHNOPRINT

CONNECT NEWSLETTER

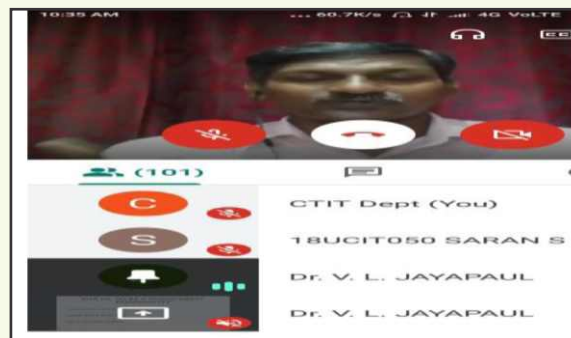
ICE BREAKER

CODE IGNITION

SHOW & TELL

APTITUDE AND SOFT SKILL TRAINING CELL

Mr. V.L.Jayapaul, Assistant Professor, Department of English, St. Joseph's College (Autonomous), Thiruchirappallai, conducted an Online Personality Development Programme for the final year students on 12.10.2020.



Mr. G.Basker, Assistant Professor, Department of English, Vivekanadha College of Arts and Science for Women (Autonomous), Tiruchengode, conducted an Online Communication Development Programme for the pre-final year students on 21.10.2020.

Ms. S.Aiswarya, alumna of our department conducted a Training Programme on "How to face Group Discussion" for the Pre final year Computer Technology students on 27.02.2021.



Ms. D. Deepika, alumna of our department conducted a Training Programme on "How to face Group Discussion" for the Pre final year Information Technology students on 06.03.2021.

Mr. M.Saravanan, Assistant Professor, Department of Computer Technology and Information Technology, conducted a Training Programme on "How to prepare a Resume" for the pre final year students on 02.03.2021 and 03.03.2021.



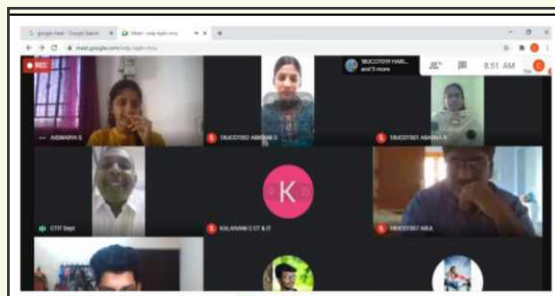
ACADEMIC ACHIEVEMENTS OF THE STUDENTS

❖ No. of MOOC Course Completed

39

APTITUDE AND SOFT SKILL TRAINING CELL

A Mock Interview for the final year students was conducted by our alumni on 20.11.2020.



An Aptitude Training Programme was conducted by our alumni on 31.10.2020 for the final year students.

Ms.N.Renuka, Assistant Professor of English, Department of Computer Technology and Information Technology, delivered a Special Lecture on “Report Writing and Public Speaking” for the final year students on 23.02.2021 and 24.02.2021.



SOCIAL RESPONSIBILITY CELL

Mr. S.Thangamani, Assistant Professor of our department conducted a Swachh Bharat cleaning activity with our department students at PG Block second floor on 18.02.2021.

CONSULTANCY SERVICE CELL

- Virus Cleaning/Malware Cleaning
- Software Installation
- Poster/Certificate/Invitation Designing
- Computer Servicing

TECHNOPEDIA ASSOCIATION

Login Y2K2021, an Intra Department Contest was conducted during the year 2020 – 2021. The details of the contest are listed below:

- Quiz, an Intra Department Competition was conducted by Ms. C.Uma, Mr.K.Dhiyaneshwaran and Ms.S.Sadhanayaki, Assistant Professors of our department on 27.06.2020.
- Oratorical Competition, an Intra Department Competition was conducted by Ms.V.Dharani and Ms.N.Renuka, Assistant Professors of our department on 17.10.2020.
- Essay Competition, an Intra Department Competition was conducted by Mr.S.Thangamani and Mr.M.Saravanan, Assistant Professors of our department on 31.10.2020.
- Website Creation, an Intra Department Competition was conducted by Dr.R.Rooba and Dr.P.Kalarani, Assistant Professors of our department on 21.11.2020.
- Logo Creation, an Intra Department Competition was conducted by Ms.C.Indrani and Ms.C.Kalaivani, Assistant Professors of our department on 28.11.2020.



BEST PRACTICES

- Skill Development and Student Progression
- Practice for Knowledge Acquisition
- Industry Institute Interaction
- Academic Counselling
- Energy Conservation
- Student Publications
- Digital Literacy Programme

GREEN COMPUTING FORUM

An Essay Competition on “The Impact of Green Technology in Global Environment” was conducted by the Green Computing Forum for the UG & PG students of our college on 05.03.2021.



- E-Waste was collected from our students on 09.03.2021 and was handed over to the Science Forum of our college for recycling.

REUNION ALUMNI ASSOCIATION

- The alumni of our department conducted various activities like Group Discussion, Mock Interview etc., and they provided useful suggestions to the students for their placement.

HIGHER EDUCATION CLUB

- An Awareness Programme on “Receiving Scholarship for High Score in Academic Performance” was arranged for first year students on 09.11.2020.
- Dr. J.Ghayathri, Associate Professor, Department of Computer Science (PG) of our college delivered a special lecture on “Career Planning” on 09.11.2020.
- The club serves as the epicentre for the information related to the higher studies and encourages students for a progressive career.

CULTURAL CLUB



An Audio-Visual show was arranged to improve the knowledge of “National Identities and Symbols” on 20.03.2021 for the first year students.

PLACEMENT (2020 -2021 BATCH)

ON CAMPUS

S.No.	Company Name	No. of Student
1	Techvolt	3
2	Hi Citizen Life Skills	1
3	Shadovein	5
	TOTAL	09

VIRTUAL CAMPUS

S.No.	Company Name	No. of Student
1	CTS	8
2	Prodapt	3
3	Focus Edumatics	12
4	Infosys	12
5	Triemp Technologies	14
6	TCS	02
7	Wipro	07
8	Infinite Solutions	03
	TOTAL	61

ACADEMIC ACHIEVEMENTS OF THE FACULTY MEMBERS

- Publications in International Journals - 2
- Participation in the National and International Seminars - 22
- Participation in the National and International Workshops - 20
- Participation in the Faculty Development Programmes - 52
- Participation in the State, National and International Webinars - 127

of the system. The second part of the model is the system of equations that describe the evolution of the system.

Let \mathbf{X} denote the vector of variables and \mathbf{F} the vector of functions that describe the evolution of the system. The system of equations is then written as $\dot{\mathbf{X}} = \mathbf{F}(\mathbf{X})$. The system is said to be in a steady state when $\dot{\mathbf{X}} = \mathbf{0}$. The steady state is found by solving the system of equations $\mathbf{F}(\mathbf{X}) = \mathbf{0}$. The system is said to be stable if the steady state is reached for all initial conditions.

The system of equations is solved by the Runge-Kutta method. The system is solved for a time interval of 100 years.

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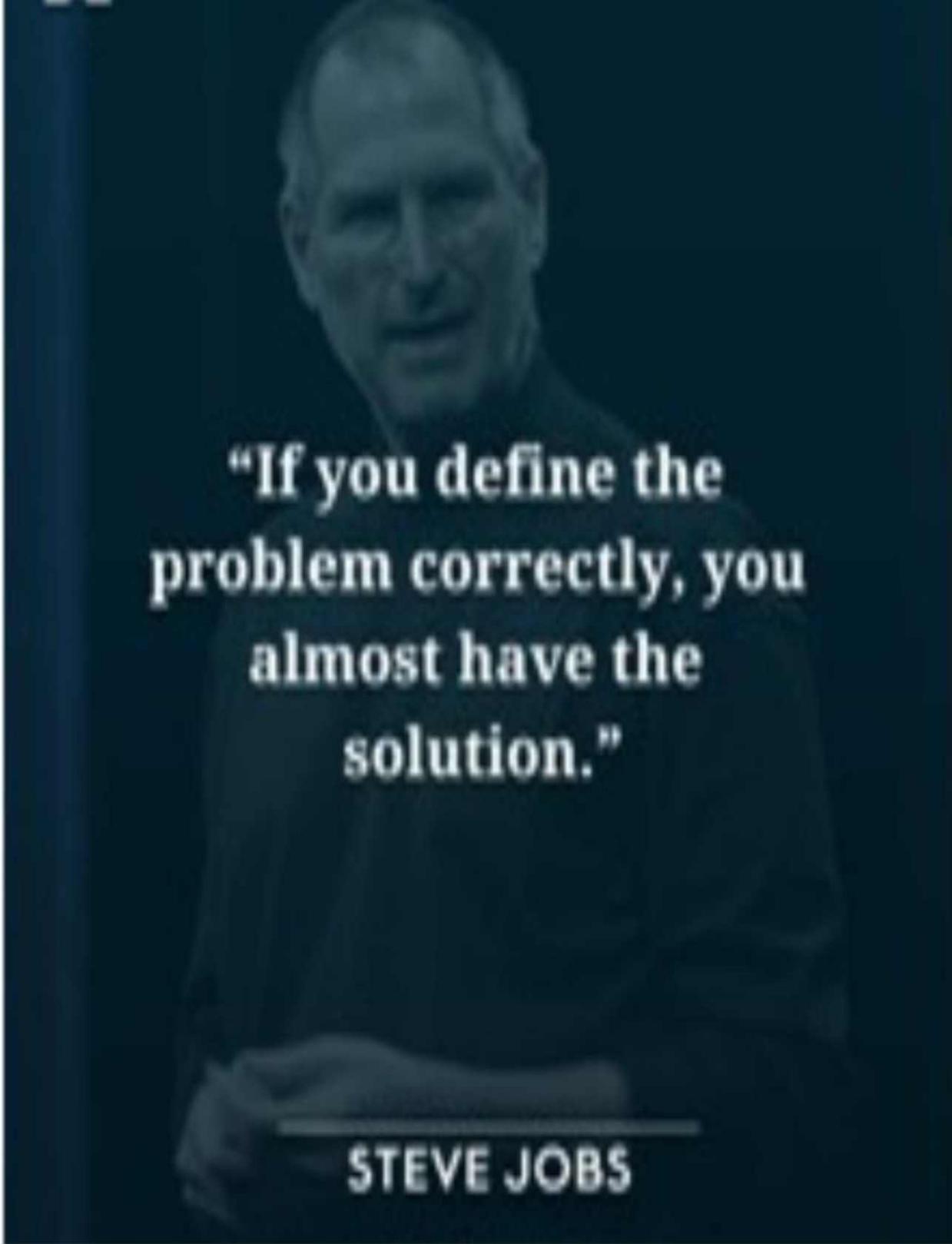
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**“If you define the
problem correctly, you
almost have the
solution.”**

STEVE JOBS