



**CHRIST**  
(DEEMED TO BE UNIVERSITY)  
BANGALORE • INDIA

DEPARTMENT OF COMPUTER SCIENCE  
MCA & M.SC AIML  
SCHOOL OF SCIENCES  
BANGALORE CENTRAL CAMPUS

PRESENTS



**GATEWAYS 2K24**

NOV 14 & 15



TECHBYHEART



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# ABOUT

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## CHRIST (DEEMED TO BE UNIVERSITY)

CHRIST (Deemed to be University) was born out of the educational vision of St Kuriakose Elias Chavara, an educationist and social reformer of the nineteenth century in South India. He founded the first Catholic indigenous congregation, Carmelites of Mary Immaculate (CMI), in 1831 which administers CHRIST (Deemed to be University).

“CHRIST (Deemed to be University) was established as ‘Christ College’ in 1969. It undertook path-breaking initiatives in Indian higher education with the introduction of innovative and modern curricula, insistence on academic discipline, imparting of Holistic Education and adoption of global higher education practices with the support of creative and dedicated staff.”

The University Grants Commission (UGC) of India conferred Autonomy to Christ College in 2004 and identified it as an Institution with Potential for Excellence in 2006. In 2008 under Section 3 of the UGC Act, 1956, the Ministry of Human Resource Development of the Government of India, declared the institution a Deemed to be University, in the name and style of Christ University. One of the first institutions in India to be accredited in 1998 by the National Assessment and Accreditation Council (NAAC), Government of India, and subsequently in 2004, 2016, 2022 CHRIST (Deemed to be University) is currently accredited with ‘A+’ Grade. The University is ranked among top 100 universities in India at 67 in the NIRF India Ranking 2023 of Ministry of Education, Government of India.

The multi-disciplinary University which focuses on teaching, research and service offers Bachelor, Master and Doctoral programmes in humanities, social sciences, sciences, commerce, management, engineering, architecture, education, and law to about 30000 students. The University offers its programmes across six campuses in India, out of which four campus locations are situated at Bangalore in Karnataka, one at Lavasa, Pune in Maharashtra and one at Ghaziabad in Delhi NCR.



# DEPARTMENT OF COMPUTER SCIENCE

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The department was established in the year 1990, with a curriculum in line with industry expectations and research. The department also provides opportunities to work on collaborative projects with industry and international universities, faculty expertise in recent technologies and Alumni support are some of the department highlights.

The Department of Computer Science of CHRIST (Deemed to be University) strives to shape outstanding computer professionals with ethical and human values to reshape the nation's destiny. The training imparted aims to prepare young minds for the challenging opportunities in the IT industry with a global awareness rooted in the Indian ethics and values.

## GATEWAYS 2K24

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Gateways 2024, the national level intercollegiate IT fest, is being organized by the Department of Computer Science, CHRIST (Deemed to be University) on the 14th and 15th of November 2024. The two day extravaganza provides a platform for postgraduate students to showcase their talents in various fields. The theme for this year's Gateways 2024 is "Tech Olympus" consisting of numerous technical and non-technical events along with a surprise event. The department will also be publishing the 2024 edition of INFOBAHN, a bi-annual magazine, during the fest.





Gateways is the national technical fest held annually for over 27 years by the Department of Computer Science of CHRIST (Deemed to be University), Bangalore. Helmed by students of the post-graduate MCA (Master of Computer Applications) and MSc AI-ML (Artificial Intelligence and Machine Learning) courses, it aims to be at the forefront of innovation and collaboration, with new ideas and events being presented each year. We invite colleges from all over India, with enthusiastic participation from all those who join us for this gathering of minds. An essential part of Gateways is its robust and dynamic theme which reflects both the trends of the present, as well as the history carried by the discipline.

Inspired by the grandeur of Greek mythology, Tech Olympus blends ancient myths with modern technology to showcase the timeless power of innovation. Drawing from the legendary pantheon of 12 Greek Gods, this year's theme highlights Zeus as the central protagonist, with each of the other 11 Gods symbolizing unique events that celebrate various aspects of technology and computer science. Participants will embark on an epic journey through workshops, competitions, and discussions, exploring how classical mythology intertwines with cutting edge advancements in the digital realm. Gateways 2024 invites students and tech enthusiasts nationwide to ascend Mount Olympus, unlocking the divine potential of technology and human ingenuity.



# GENERAL GUIDELINES FOR PARTICIPANTS

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Any student pursuing postgraduate in computer science, data science, information technology or related fields can participate.(Only applicable for MCA and MSc)

Accommodation for participants will be available from 14/11/2024 to 15/11/2024, on first come first serve basis. Contact us for more details.

Participants must bring a undertaking letter and ID card from their institution to participate.

Participants are requested to register through the website only.

Students are required to follow the decorum of the event. Failing to adhere would lead to elimination.

Participants are advised to clarify their doubts with the respective event heads before the event.

Participants are requested to be well groomed and assemble at the venue of their events 15 minutes before the event starts.

If eliminated, participants are welcome to participate in other events, keeping the time constraint in mind.

Participants can opt for multiple events keeping the time constraint in mind.

The decisions made by the judges will be final.

Participants will be held responsible for any damage caused by their actions during the fest to Christ University Property.

Details about HERA'S TRAILS (surprise event) will be provided on-spot.



# OUR TEAM

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**Dr. Ashok Immanuel**

(Head Of Department)

**Dr. Chandra J**

(Program Coordinator)

## GATEWAYS FACULTY COORDINATORS

**Dr. T Cynthia**

(Fest Coordinator)

**Dr. Sudhakar T**

(Fest Coordinator)

## GATEWAYS STUDENT COORDINATORS

**Mohit P**

**Satyam Jhawar**

**Punith Raj**

**Anshika Yadav**

**Ansh Bhandari**

**Aditi Patel**

**Hitesh Salimath**

**Neha Seirah**

**Karthikeyan**

**Saumya Dwivedi**

**Vivek S**

**R Sharanya**

**Anto Kelvin**

**Aleena Ealias**

**Mohsin Chunawala**

# TECHNICAL EVENTS

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ARES  
TECHWAR  

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HACKATHON

APHRODITE'S  
AURORA  

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UI/UX

ATHENA'S  
ARENA  

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IT QUIZ

POSEIDON'S CODE  
CURRENT  

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CODING DEBUGGING

HERMES'  
BYTECHASE  

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CTF

HEPHAESTUS'  
FORGE  

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IOT

# NON TECHNICAL EVENTS

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ARTEMIS'  
ADVENTURE  

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TREASURE HUNT

DIONYSUS'  
BATTLEGROUND  

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GAMING

HADES' TECH  
AUTHORITY  

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IT MANAGER

APOLLO'S  
LUMINOUS LENS  

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PHOTOGRAPHY

HERA'S  
TRAILS  

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SURPRISE EVENT





# TECHNICAL EVENTS

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INCOMING



# ARES TECHWAR

Welcome to Ares TechWar: The Mythological Hackathon! Step into a realm where ancient mythology meets futuristic tech. Inspired by the legendary quests of ancient Greece, Ares TechWar challenges you to create cutting-edge solutions that push the boundaries of innovation. Join developers, creators, and visionaries in a thrilling competition where mythological themes guide your journey, but your projects can span any modern tech domain. Solve real-world problems or design groundbreaking innovations while competing for exciting prizes in a unique, myth-inspired setting. Unleash your creativity, collaborate with others, and let your skills shine. The Gods may inspire, but your innovation will define victory!

No onspot registration available

## TEAM SIZE

2-4 per team

## DATE

9 November

## VENUE

Online Event

## CONTACT DETAILS

VISHNU SWAROOP: 7025511967

JITHU VARGHESE: 9074372489

## REGISTRATION CLOSING ON

07-11-2024 , 12:00 a.m

## ELIGIBILITY

Open for all (UG and PG) streams

## PRIZE POOL

₹18,000



HACKATHON



# HEPHAESTUS' FORGE

Prepare to explore the exciting Internet of Things (IoT) world with HEPHAESTUS' FORGE. This event challenges participants to harness the power of IoT to innovate solutions that benefit society. Teams must demonstrate their knowledge and creativity through a structured competition emphasizing innovation, originality, and societal benefits.

Onspot registration available

DATE

Round 1(Online)- 10 November  
Round 2- 14 November

TEAM SIZE

Upto 3 per team

VENUE

Room 815 Central Block

CONTACT DETAILS

SANTHOSH KUMAR: 63793141514  
ANJALI KRISHNA: 9656295635

REGISTRATION CLOSING ON

09-11-2024 , 11:59 p.m

ELIGIBILITY

PG Computer Science and Data  
Science students and Btech  
Final year students.

PRIZE POOL

₹13,000

IoT



# APHRODITE'S AURORA

APHRODITE'S AURORA celebrates the timeless allure of Greek mythology, drawing inspiration from the grace and elegance of Aphrodite, the Greek goddess of beauty and love. The event begins with participants crafting UI/UX designs using Figma, channeling the rich artistic heritage of ancient Greece and the mythological aesthetics of the Gods and goddesses. In the next phase, these designs are brought to life as functional interfaces using HTML and CSS, blending classical beauty with modern design principles. Only the most creative and meticulously crafted designs, embodying the essence of ancient myths, will shine through and claim victory, symbolizing a revival of classical artistry in the digital age.

Onspot registration available

TEAM SIZE

Upto 2 Per team  
2 Team per college

DATE

14 November

VENUE

BCA Lab, Block 2

CONTACT DETAILS

S ALANKRITHA: 9035288804  
ROHAN: 6282292458

PRIZE POOL

₹ 7,000

REGISTRATION CLOSING ON

14-11-2024 , 10:30 a.m

ELIGIBILITY

PG Computer Science and Data Science students



UX/UI



# ATHENA'S ARENA

Prepare to step into a realm where myth and intellect converge! Join us at ATHENA'S ARENA , where ancient wisdom reigns supreme. This quiz event will test your knowledge of general trivia, Greek mythology, and the realms of logic and strategy. Assemble your team and prove you are the ultimate masters of knowledge and lore in this timeless arena, where only those with the sharpest minds and deepest understanding of ancient tales will triumph!

Onspot registration available

TEAM SIZE

Upto 2 per team

DATE

14 November

VENUE

Assembly Hall - Block 2

CONTACT DETAILS

ANUSHKA MAZUMDAR: 7004426001

KEZYA: 7825931777

PRIZE POOL

₹ 7,000

REGISTRATION CLOSING ON

14-11-2024 , 12:30 p.m

ELIGIBILITY

PG Computer Science and Data Science students

Quizathon





# POSEIDON'S CODE CURRENT

This competition is a great opportunity for programmers to showcase their debugging expertise, problem-solving abilities, and teamwork. With two players per team, participants will tackle challenging tasks and compete for top honors, all while honing their coding skills in a competitive yet fun environment.

Onspot registration available

## TEAM SIZE

2 per Team  
3 teams per college

## DATE

14 November

## VENUE

Room 811 Central Block

## CONTACT DETAILS

SUBHOJEET SAHO: 8210523693  
KISHAN KUMAR: 7903660044

## PRIZE POOL

₹ 7,000

## REGISTRATION CLOSING ON

13-11-2024 , 12:00 a.m

## ELIGIBILITY

PG Computer Science and Data Science students

COMING DEBUTING





# HERMES' BYTECHASE

Step into a realm where ancient Greek mythology takes center stage in our thrilling event, "Hermes' Bytechase." Participants will navigate a mystical underworld filled with legendary figures and mythical creatures. As cunning explorers, you'll need to outsmart powerful Gods, decode cryptic messages from oracles, and face mythical beasts to uncover hidden secrets and treasures. Each challenge you face will test your programming, strategy, decrypting, and problem-solving skills, all while drawing inspiration from the epic tales of Greek lore. Only those who master the art of strategy and embrace their mythological heritage will rise to claim victory in this exciting journey through the ancient world. Will you be the hero who overcomes the trials, or will you be lost in legend?

Onspot registration available

TEAM SIZE

2 per Team

DATE

14 November

VENUE

811 - Central Block

CONTACT DETAILS

FREDIN JOHNS: 9544739364  
SHOUN CHACKO: 8891102086

REGISTRATION CLOSING ON

13-11-2024 , 12:00 a.m

ELIGIBILITY

PG Computer Science and Data Science students

PRIZE POOL

₹ 7,000

MISSION







# NON-TECHNICAL EVENTS

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INCOMING



# ARTEMIS' ADVENTURE

Join us at Christ University College for an exhilarating Treasure Hunt event, merging the mystique of Greek mythology with the thrill of adventure! Embark on a quest to uncover legendary artifacts like Hades' Helm of Darkness and Zeus' Lightning Bolt, hidden within a realm filled with ancient mysteries. Each clue will challenge your wits with mythological riddles and puzzles inspired by the tales of the Gods. Solve ancient codes, navigate through mythical challenges, and race against time to become the ultimate treasure seeker. Exciting prizes await those who dare to outsmart the Gods and claim the treasures of legend!

Onspot registration available

TEAM SIZE

3-4 per team  
2 teams per college

DATE

14 November

VENUE

Sky View - Central Block

CONTACT DETAILS

ATHUL RAJA: 6235692700  
BAVIRISETTY SAIRAM: 9513377365

PRIZE POOL

₹10,000

REGISTRATION CLOSING ON

13-11-2024 , 12:00 a.m

ELIGIBILITY

PG Computer Science and Data Science students

TREASURE HUNT





# DIONYSUS' BATTLEGROUND

Get ready to dive into the ultimate battleground where strategy, skill, and speed collide in an exhilarating test of survival! Welcome to Dionysus' Battleground, a gaming event like no other, where ancient myth meets the thrill of intense competition. Enter the realm of BGMI, where your squad's mastery of tactics, teamwork, and precision will be the key to victory. Harness the power of the battlefield as you navigate through intense firefights, outsmart your rivals, and conquer the ever-changing combat zones. With every drop, loot, and kill, the echoes of Dionysus' wild spirit resonate through this virtual odyssey, pushing you to prove your might and claim your place at the top. Are you ready to stand tall among legends, immerse yourself in this mythic journey, and let your skills shine? Gear up, squad up, and step into the arena—your time to dominate has arrived!

Onspot registration available

TEAM SIZE

Upto 4 per team  
3 teams per college

DATE

14 November

VENUE

BSc Lab & MCA , Block 2

CONTACT DETAILS

ALWIN TOMY- 9482011600  
KIRAN S MATHEW- 7019302748

PRIZE POOL

₹10,000

REGISTRATION CLOSING ON

13-11-2024 , 12:00 a.m

ELIGIBILITY

PG Computer Science and Data Science students

GAMING





# HADES' TECH AUTHORITY

HADES' TECH AUTHORITY is a thrilling IT Manager event designed to ignite the passion and creativity of computer science students. As a premier gathering for aspiring IT professionals, this event offers a unique platform to evaluate your knowledge, compete with fellow students from different colleges across south India, and showcase your talents.

Onspot registration available

TEAM SIZE

Individual Event  
3 teams per college

DATE

14 November

VENUE

Seminar Hall, Block 2

CONTACT DETAILS

MANU MARTIN: 8746960082  
TEJAS C: 8310105384

PRIZE POOL

₹ 3,000

REGISTRATION CLOSING ON

13-11-2024 , 12:00 a.m

ELIGIBILITY

PG Computer Science and Data Science students

IT MANAGER





# APOLLO'S LUMINOUS LENS

APOLLO'S LUMINOUS LENS is a photography competition that emphasizes creativity by challenging participants to align their work with a specific theme chosen by the judges. Participants will capture photographs based on this theme, showcasing their unique perspectives.

Onspot registration available

TEAM SIZE

Individual

DATE

14 November

VENUE

Room 815, Central Block

CONTACT DETAILS

RAJENDRAN: 7348875942

SUMITH: 8884158910

PRIZE POOL

₹ 3,000

REGISTRATION CLOSING ON

13-11-2024 , 12:00 a.m

ELIGIBILITY

PG Computer Science and Data Science students

PHOTOGRAPHY







**SURPRISE EVENT**

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**INCOMING**



# HERA'S TRAILS

Embark on an exhilarating voyage into the unknown with Hera's Trails, a thrilling surprise event at Gateways 2024. In this immersive experience inspired by Greek mythology, you'll face a series of mysterious rounds designed to captivate, challenge, and push your boundaries. The suspense builds with each twist, as ancient myths come to life in unexpected ways. Prepare to be amazed, entertained, and tested as you navigate a world where every moment unveils a new surprise. Don't miss your chance to unlock the hidden mysteries of this mythical adventure!

Onspot registration available

TEAM SIZE

2 per team

DATE

15 November

VENUE

Sky View

CONTACT DETAILS

NEEMA MARTIN: 8217645968

AKHIL KUMAR: 8777861147

PRIZE POOL

₹ 5,000

REGISTRATION CLOSING

15-11-2024 , 12:00 p.m

ELIGIBILITY

PG Computer Science and Data Science students

SURPRISE EVENT



# KNOW OUR SCHEDULE

## DAY 1 (14-11-2024)

INAUGURATION  
9:30 AM - 10:30 AM

HADES' TECH AUTHORITY [R-1,2]  
10:30 AM - 1:30 PM

ARTEMIS' ADVENTURE [R-1,2,3]  
10:30 AM - 2:00 PM

APOLLO'S LUMINOUS LENS  
10:30 AM - 5:00 PM

APHRODITE'S AURORA [R-1]  
11:30 AM - 12:30 PM

HEPHAESTUS' FORGE  
12:30 PM - 2:00 PM

LUNCH  
12:30 PM - 2:30 PM

ATHENA'S ARENA [PRELIMS]  
1:30 PM - 2:30 PM

POSEIDON'S CODE CURRENT [R-1]  
2:00 PM - 3:00 PM

DIONYSUS' BATTLEGROUND [R-1]  
2:00 PM - 4:00 PM

APHRODITE'S AURORA [R-2]  
3:00 PM - 5:00 PM

REFRESHMENTS  
11:00 AM - 11:30 AM  
4:30 PM - 5:00 PM

\*Subject to change according to availability of venue and time



# KNOW OUR SCHEDULE

## DAY 2 (15-11-2024)

ATHENA'S ARENA [R-1,2,3,4]  
9:00 AM - 11:30 AM

DIONYSUS' BATTLEGROUND [R-2]  
10:00 AM - 11:00 AM

DIONYSUS' BATTLEGROUND [R-2]  
10:00 AM - 11:00 AM

POSEIDON'S CODE CURRENT [R2]  
10:30 AM - 11:30 AM

HADES' TECH AUTHORITY [R-2]  
11:30 AM - 1:30 PM

LUNCH  
12:30 PM - 2:30 PM

HERA'S TRAILS [R-3,4]  
1:00 PM - 3:30 PM

HERMES' BYTECHASE  
1:30 AM - 3:00 PM

REFRESHMENTS  
10:00 AM - 10:30 AM  
3:00 PM - 4:00 PM

VALEDICTORY FUNCTION  
4:00 PM - 6:00 PM

\*Subject to change according to availability of venue and time



**SCAN**  
**TO REGISTER**

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**FOR FURTHER QUERIES**

**SHAWN THOMAS**  
**8590851162**

**NAVEEN JOHN**  
**9479449075**





TECHBYHEART



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Lin & S Technologies

PERFECTION IN DELIVERANCE



**GATEWAYS 2K24**

DESIGNED BY

AMAL JYOTHI S (2MCA B, 2447206)

MARITA (2MCA A, 2447131)