

Digital University Kerala Newsletter

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DUK/NL/22/VOL3



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Delegation from The National University of Science & Technology, Oman visits Digital University Kerala

A delegation from The National University of Science & Technology, Oman visited DUK on 31st March. Dr. Ali Saud Al Bimani, Vice-Chancellor, Dr. Salim Al Aرامي, Deputy Vice-Chancellor & Provost Dr. Ahmed Hassan Al Bulushi, Dean, College of Engineering Professor M P Nair, Chief Finance Officer & Executive Advisor & Dr. P M Mubarak Pasha , Vice Chancellor, Sree Narayana Guru Open University were among the delegates.



Autonomous University of Chile Delegates visits Digital University Kerala

A delegation from Autonomous University of Chile visited DUK. Dr. Emilio Guerra Bugueño, Vice Chancellor, Universidad Autónoma de Chile Mr. Patricio Fierro Sepulveda, , Director Grupo-TQS were among the delegates.



DUK Inno FesT'22, SIH2022

Internal Hackathon

The Smart India internal hackathon was celebrated as DUKInnoFesT on the 26th, 27th of MAR 2022. The innovation club of the university was also formally inaugurated on this occasion by Prof. Saji Gopinath, Hon'ble Vice-Chancellor, Digital University Kerala in the presence of Shri. Ashok Kuriyan Panjikaran , Head - Business Linkages & Startup Life Cycle, Kerala Startup Mission, Prof. Ajith Kumar, Head, CDIPD, Digital University Kerala and Mr Sarath.SM, Innovation Officer, Digital University Kerala.



Knowledge Centre, Digital University Kerala conducts workshop on "Making Educational Videos"

A Workshop on "Making Educational Videos" was conducted by the Knowledge Centre from 14th to 17th March 2022. There were 100 participants registered for the course. Dr. Gopakumar V, Head, Knowledge Centre, Digital University Kerala was the Resource person and following topics were taught during the workshop. 1. How to write a Script for an educational video. 2. Audio editing with Audacity. 3. Video Editing (OpenShot, Camtasia Studio, Canva) 4. Animation using PowerPoint. 5. Screen casting (OBS Studio) and 6. Composing video and making it available on YouTube.



Online Pulic Access Catalogue of DUK Knowledge Centre

available at

<http://libcat.duk.ac.in:8081/>

Digital University observes International Women's Day 2022

The International Women's Day event hosted by Digital University Kerala on 8th March was loaded with some inspiring stories and powerful messages delivered by eminent speakers who addressed the students.



Dr. Joseph Tharion, Post-Doctoral Fellow, School of Digital Sciences, has been invited to be a Faculty Member and a Judge of the Finals of the Most Valuable Innovation competition at the 1st International Congress for Innovation in Global Surgery (ICIGS 2022), 20-21 April, 2022, New Delhi.

[More details](#)

Digital University, Athiyannoor panchayat join hands for AQUA project

Digital University Kerala offers a helping hand to Athiyannoor Panchayat to resolve drinking water crisis. A news report appeared in this regard on the Times of India on March 22, on the occasion of World Water Day.



News from Centre of Excellence (COE)

Cisco thingQbator - Launch of Cohort-5

Cisco thingQbator provides unique opportunity for the students to participate in the upcoming cohort5 program and avail support for refining their innovative ideas and get startup funding support of up to Rs 5 lacs. For more details and registration visit:

<https://www.duk.ac.in/thingqbator/>



Maker Village wins 'Smart Incubator of the Year' Award

Maker Village, India's premier electronics hardware incubator under DUK/IIITMK was conferred the prestigious Diamond Award in the 'Smart Incubator of the Year' category at the 6th Edition of India Smart Grid Forum (ISGF) Innovation Award 2022. The awards recognize and celebrate organizations, projects, products and personalities that have set a new benchmark in Electricity, Gas, Water and E-Mobility domains. Nizam Mohammed, CEO Maker Village, along with Prof. Alex James, DUK Associate Dean and Maker Village Professor-in-charge received the Award at the ceremony held in New Delhi on March 4, 2022.



Kerala Blockchain Academy

Blockchain Summer Sale



In a mission of spreading Blockchain literacy for all at minimal price Kerala Blockchain Academy opened Blockchain Summer Sale for enthusiasts in the domain. The summer sale offered a 50% discount on every online self-paced blockchain program offered by Kerala Blockchain Academy such as Certified Hyperledger Developer, Certified Ethereum Developer and so on. The mission was to make the quality blockchain education available at the lowest price in the market. The offer got expired on 17 April 2022. The learners could apply the coupon code for any number of courses they wish to.

Women's day Offer

Kerala Blockchain Academy offered a flat 50 % off on all blockchain courses for female learners on this international women's day. The offer aimed to bring more female workforce to the male-dominated blockchain domain. The candidates could avail the discount offer by entering the coupon code WOMENSDAY50 on the Kerala Blockchain Academy's Official Elearning Website. The interested could learn at half price both blockchain foundation course and advanced blockchain developer programs such as Ethereum and Hyperledger Fabric. The special offer was valid till 15 March 2022.



Career Guidance and Placement Unit- Digital University Kerala

Career Guidance and Placement Unit (CGPU) Introduction to CGPU and status of Industry Institute Interactions (III), Placements and Internship

Digital University Kerala has a dedicated Training and Placement Cell headed by Training and Placement Officer (TPO). The purpose of the Training and Placement Officer is to guide students to choose the right career and to plan for programs and activities to enhance knowledge, skill, attitude and the right kind of aptitude to meet the manpower requirements of the Industry. The overall role of the Training & Placement cell is of a facilitator and counsellor for training and placement related activities. TPO shall assist students to develop/clarify their academic and career interests, and their short and long-term goals through individual counselling and group sessions. The placement cell shall act as a contact place and facilitator to arrange internship of the students, campus visits and conduct of the recruitment process of the employers for the purposeful placement of students of the institution.



Training & Placement cell shall also design and implement internal curriculum, take classes, arrange experts, arrange agency for student's Personality Development, Improve Communication Skills, Vocabulary, Resume Preparation & Email Writing, Group Discussion, Interview Skills, Aptitude Training & Practice Tests, Technical report writing, Presentation skills etc. Training and Placement Officer (TPO) of the University is supported by a Departmental Coordinators for Training and Placement Activities and Faculty Supervisors/Mentors designated by the Head of the concerned Departments. Each department have a student's committee and 2 students from each class for supporting Training and Placement activities headed by Student Coordinator.

A. Industry Institute Interactions (III)

1. Industry Expectations from Budding Engineers

EEE - IIIT Kottayam & IIC IIIT Kottayam conducted a career guidance session on Industry Expectations from Budding Engineers on 18th March 2022 from 6:30PM to 7:30 PM where Mr. Santosh Rao from Toyota Industries Engine India was guiding them to align to the industry expectations from a fresh graduate.



2. TCS

TCS has given 2023 pass out students a seminar how to kick start their career early on 21st March, 2022.

3. Vishista Systems

There is an opportunity to get involved in an ML project for legacy systems modernization being undertaken by a startup launched by one of our alumni members of IIITM-K. (<https://www.vishistasystems.com/>). They were interested our graduates who are interested in applying Machine Learning techniques to solve a problem of converting Assembler Programs to modern languages. The main criteria will be an interest to learn, analytical ability and a passion to work on solving tough problems through coding. Those who are applying will get an opportunity to discuss with the team to get more clarity on the project and the requirements. If selected, they will offer a paid internship.

4. Google Cloud Ready

The GoogleCloudReady Facilitator program will provide our students an opportunity to kickstart their career in cloud and get hands on practice on Google Cloud - the tool that powers apps like Google Search, Gmail and YouTube. Along the way, they will learn & practice concepts like computing, application development, big data & machine learning using cloud & if they get stuck, they will have their "Facilitators" who are specially trained on Google Cloud to help.

5. Clouties

Clouties (<https://clouties.in/>) located in Bangalore is having internship opportunities. Remote/summer internships will be possible. The project is related to industrial robotics automation. Students who have the following skills can be applied.

1. A decent understanding of Linux
2. Python development
3. AI/ML background would be a plus
4. Passion for robotics

A stipend of 10k to 15k based after the selection process will be offered. Many interested students have applied.

6. AICTE-NEAT-Invitation to join the Launch of 1 Lakh + Internship Opportunities.

A session for students in getting suitable internship opportunities for better employability on 30th March, 2022. In association with NEAT Cell, AICTE, has created its own Internship Portal (<https://internship.aicte-india.org>). AICTE Internships help INDIAN STUDENTS find internships they love and ORGANIZATIONS find best Interns on PAN India basis.

7. Internshala

Internshala Student Partner program (ISP 29) - a program where our students get practical exposure and learn essential skills like leadership, communication, and logical thinking. There are no registration charges involved. Eligibility - College students from any degree, stream and year of study can apply for this program.

What's in it for our students?

- Professional growth while developing in-demand industry skills
- Prestigious letter of recommendation from Internshala
- Performance-based cash incentives, exclusive Internshala goodies, and much more

What will the selected students do?

- Help fellow students upskill themselves via Internshala Trainings
- Connect all students of your college with the most exciting internships and jobs
- Conduct internship awareness seminars (online/offline) in your college

B. Placement Status

1. Federal Bank

Done online campus placement of Federal Bank on 21st March, 2022 for MSc(all) branches for the post of Officer in Junior Management Grade I for Specialist Role in IT. Salary was 9.42 LPA to 12.56 LPA (depending upon the place of posting and other factors).

2. NeST Digital Technologies

Done online campus placement of NeST Digital Technologies on 25th & 26th March,2022 for MSc(all) branches for the post of Software Engineer. Salary was 4.5 LPA

3. TATA ELXSI

Done online campus placement of TATA ELXSI on March,2022 for MSc(all) branches for the post of Software Engineer. Salary was 3.5 LPA

4. IBS

Done online campus placement of IBS on March,2022 for MSc(all) branches for the post of Software Engineer. Salary was 3.6 LPA

5.KEFI Tech Solutions

Done online campus placement of IBS on March,2022 for MSc(all) branches for the post of Software Engineer.

C. Internship Status

Internships are educational and career development opportunities, providing practical experience in a field or discipline.

Internship Status (2020-22)				
Program: MSc. (CS) with Specialisation				
Sl No	MSc (Streams)	Total no. of students	Confirmed for Internship	To be confirmed for Internships
1	Cyber Security	34	34	0
2	GA	22	22	0
3	MI	38	37	1*
4	DA	37	37	0
	Total	131	130	0

Note: (1) * Postponed to next academic year due to personal reasons. (2) Our internship status is 100% as internship is mandatory for all students. (3) Placement & Internship Status as of March 1st,2022. (4) Many of our students are doing internships in University or Industry

Mahendra K.S
Training and Placement Officer

More feathers added to the cap for Dr. Alex P James...



Have been inducted as a member to:

- IEEE CTSoc Technical Committee on Quantum in Consumer Technology (QCT).
- IEEE CTSoc Technical Committee on Machine learning, Deep learning and AI in CE (MDA).
- IEEE CASS Technical Committee on Cellular Nanoscale Networks and Memristor Array Computing (CNN-MAC).
- Appointed as Associate Editor of Frontiers in Neuroscience (most-cited journal in neuroscience) - Section on Neuromorphic Computing.
- Appointed to chair of the flagship conference ISCAS 2022, Asia session.
- Appointed as the TPC chair of APCAS 2023, which is flagship conference of IEEE CAS for Asia.

Faculty Publications

A. P. James and L. O. Chua, "Variability-aware Memristive Crossbars -A Tutorial," in *IEEE Transactions on Circuits and Systems II: Express Briefs*, doi: [10.1109/TCSII.2022.3169416](https://doi.org/10.1109/TCSII.2022.3169416).

N. Raj, R. K. Ranjan and A. James, "Chuas Oscillator with OTA based Memcapacitor Emulator," in *IEEE Transactions on Nanotechnology*, doi: [10.1109/TNANO.2022.3168154](https://doi.org/10.1109/TNANO.2022.3168154).

ADMISSIONS *Open*

Admissions are now open to Post Graduate Programs at DUK

Digital University Kerala has commenced admission processes to the on-campus post-graduate programs for 2022. The university currently offers MTech, MSc, MBA and PG Diploma programs. An online entrance test (Digital University Aptitude Test) is scheduled on June 5, 2022. The following programs are being offered this year:

- **MTech Computer Science & Engineering (AICTE approved)**

Specializations: Connected Systems & Engineering, Artificial Intelligence, Cyber Security & Engineering

- **MTech Electronics Engineering (AICTE approved)**

Specializations: Artificial Intelligence Hardware, Signal Processing & Automation, Artificial Intelligence Robotics, Computational Imaging.

- **MTech Electronic Product Design (Flexible Mode- classes during evenings and weekends)**

- **MSc Computer Science**

Specializations: Cyber Security, Data Analytics, Machine Intelligence, Geospatial Analytics, Software Systems Engineering, Speech and Language Processing, Distributed Systems and Blockchain Technologies



- **MSc Data Analytics**

Specializations: Data Analytics & Geoinformatics, Data Analytics & Bio AI, Data Analytics & Computational Science

- **MSc Ecology**

Specialization: Ecological Informatics

- **MSc Electronics**

Specializations: Intelligent Systems & Imaging/IoT & Robotics/VLSI Design & Artificial Intelligence

- **Master of Business Administration (MBA)**

Specializations: Business Analytics, Digital Governance, Digital Transformation, Finance, Technology Management, Human Resources, Information Security Management, Marketing, Operations and Systems.

- **PG Diploma in e-Governance (1 year)**

Eligibility and other details are available on the website.

Applications can be submitted online: <https://www.duk.ac.in/admission>. The notification for the PhD program admission will be released in May 2022





Curating a responsible digital world

Formerly Indian Institute of Information
Technology and Management- Kerala
(IIITM-K)

Established by Government of Kerala
Technocity & Technopark campuses;
Thiruvananthapuram

THE DIGITAL ERA IS HERE!

Grab the opportunities through an education at DUK

ADMISSIONS OPEN

ON-CAMPUS PROGRAMS

MTech

Computer Science & Engg.
Electronics Engg., Electronic Product Design

MSc

Computer Science, Data Analytics,
Ecology, Electronics

MBA

Full time & Flexible on-campus

PGD

e-Governance

"Opportunities to earn a
stipend by participating
in real-life projects"

Last Date of Application : May 25, 2022

ADMISSION HELPDESK

Mob No : 8078193800
Landline : +91-471-2788019
Email : admission-pg@duk.ac.in
<https://duk.ac.in/admissions>



APPLY ONLINE

DUK ADMISSIONS 2022