

2022 VOL.3
ISSUE 2
APR-MAY

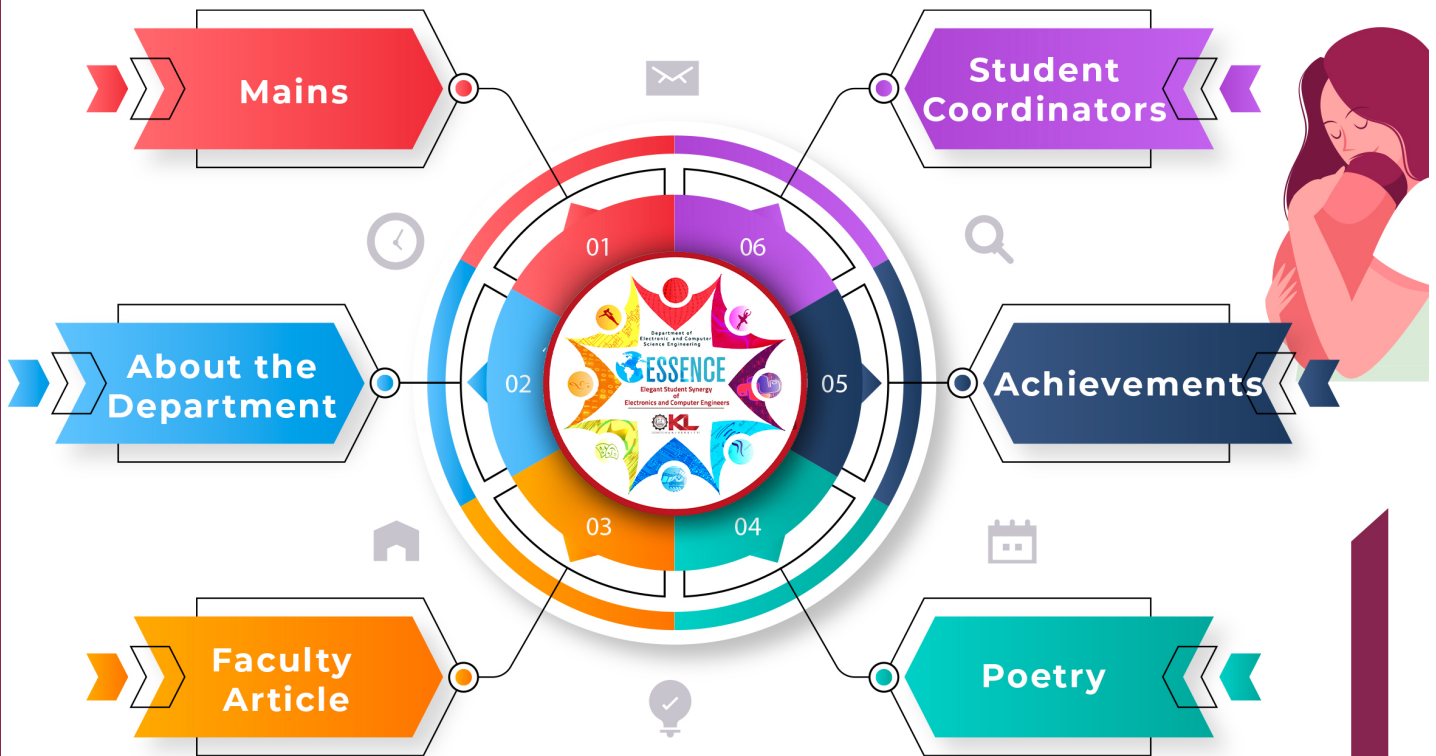


NEWSLETTER

THE LYCEUM

VOICE OF ECM

INDEX



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ABOUT THE DEPARTMENT

Department of Electronics and Computer Science (ECS) is a course that aims to combine two separate fields of engineering to meet demands made by electronics and computer industries. This program has been developed in response to the industry demands to develop students hardware and software engineering skills in an integrated way. Our curriculum focuses on many real-time applications, which includes smart homes, smart city, smart traffic management, smart agriculture, healthcare applications, web designing, cyber security, automotive electronics, environmental monitoring etc.

The undergraduate course mainly focuses on electronics courses like analog electronics, digital electronics, embedded system, communication system and computer courses like logical thinking, data structures and algorithms, DBMS, Web development, computer network, software engineering. Internet of Things (IoT), Machine Learning, Artificial Intelligence, Deep Learning etc. Our department provides a specialization in Embedded Systems, Web Technologies, IoT (Internet of things), VLSI, Artificial Intelligence and Machine Learning etc. And department offering one Post Graduation programme, (Embedded Systems) which suits for industrial needs.

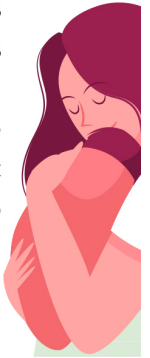
The Course helps the students to enter into various professions as Embedded Engineers, Firmware Engineers, Software Engineers, Software Developers, Web Application Developers, IoT Application Developers, Automobile Electronics Engineers, ICT (information Communication Technology) Engineers, VLSI Engineers, Forensic Engineer etc. Many companies need engineers with hardware and software knowledge, and our students conform to their requirements. Our department provides proficiency in many aspects of the student's career like assistance for master degree program both in and out of the country through GATE, GRE, TOFEL, IELTS etc.

OUR VISION

To impart value-based, state-of-the-art education and motivate students to become socially committed professionals for their overall development

OUR MISSION

To promote innovation centric education and perform cutting edge research in interdisciplinary and multidisciplinary areas



ROBOTIC PROCESS AUTOMATION (RPA)

Robotic process automation (RPA) is a software technology that makes it easy to build, deploy, and manage software robots that emulate humans actions interacting with digital systems and software. Just like people, software robots can do things like understand what's on a screen, complete the right keystrokes, navigate systems, identify and extract data, and perform a wide range of defined actions. But software robots can do it faster and more consistently than people, without the need to get up and stretch or take a coffee break.

Business benefits of RPA:

Robotic process automation streamlines workflows, which makes organizations more profitable, flexible, and responsive. It also increases employee satisfaction, engagement, and productivity by removing mundane tasks from their workdays. RPA is noninvasive and can be rapidly implemented to accelerate digital transformation. And it's ideal for automating workflows that involve legacy systems that lack APIs, virtual desktop infrastructures (VDIs), or database access.

Why is RPA transformative?

RPA technology is changing how the world gets work done.

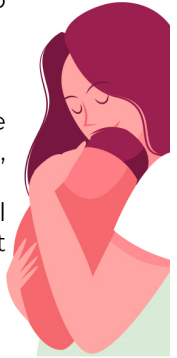
Software robots—instead of people—do repetitive and lower-value work, like logging into applications and systems, moving files and folders, extracting, copying, and inserting data, filling in forms, and completing routine analyses and reports. Advanced robots can even perform cognitive processes, like interpreting text, engaging in chats and conversations, understanding unstructured data, and applying advanced machine learning models to make complex decisions.

When robots do these types of repetitive, high-volume tasks, humans are freed to focus on the things they do best and enjoy more: innovating, collaborating, creating, and interacting with customers. Enterprises get a boost too: higher productivity, efficiency, and resilience. It's no wonder that RPA is rewriting the story of work.

Where can be RPA used?

Today, RPA is driving new efficiencies and freeing people from repetitive tedium across a broad swath of industries and processes. Enterprises in industries ranging from financial services to healthcare to manufacturing to the public sector to retail and far beyond have implemented RPA in areas as diverse as finance, compliance, legal, customer service, operations, and IT. And that's just for starters.

RPA has become so widespread because it is broadly applicable. Virtually any high-volume, business-rules-driven, repeatable process is a great candidate for automation—and increasingly so are cognitive processes that require higher-order AI skills.



SRIDEVI SAKHAMURI
ASSISTANT PROFESSOR



POETRY

కళ్ళు తెరచి మొదట చూసింది నిన్నే...

నన్ను మొదటిగా తొక్కింది నీ స్పర్శే...

చేయి పట్టుకొని నడిపించింది నీవే...

మొదట విన్నది నీ లాలి పాటే...

ఓడి నుంచి వచ్చి మొదట వెతికేది నిన్నే...

చేసిన పనులన్నీ చెప్పేది నీకే...

లోకం రంగులు చూపింది నీవే...

శీవితం అంటే నేర్పింది నీవే...

నేను ఏంటో అంతా తెలిసింది నీకే...

ఎంత ఎదిగినా నీకు చిన్న పిల్లాడే...

అలసి సొలసి చేరేది నీ ఒడికే...

అమ్మ నా శతకోటి వందనాలు నీకే..!

~NAren♥



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Review History Report J R K Kumar Dabbakuti



From: 1 January 2017

To: 15 April 2022

All dates in GMT

Total journals reviewed for: 3
Total reviews completed: 12



Acta Astronautica 2



Advances in Space Research 9



Journal of Asian Earth Sciences: X 1



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Review History Report J R K Kumar Dabbakuti



From: 1 January 2017

To: 15 April 2022

All dates in GMT



Acta Astronautica
2 reviews completed

Manuscript title	Revision	Date completed
Comparison between Swarm measured and IRI-2016 and IRI-Plas 2017 Modeled electron density over low and mid latitude region	1	27 August 2021
Comparison between Swarm measured and IRI-2016 and IRI-Plas 2017 Modeled electron density over low and mid latitude region	0	17 August 2021



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Review History Report J R K Kumar Dabbakuti



From: 1 January 2017

To: 15 April 2022

All dates in GMT



Advances in Space Research

9 reviews completed

Manuscript title	Revision	Date completed
Modeling and analysis of an ionospheric mapping function considering azimuth angle: a preliminary result	1	15 April 2022
Modeling and analysis of an ionospheric mapping function considering azimuth angle: a preliminary result	0	18 March 2022
Estimation of Ionosphere vTEC using Multivariate Quadratic modeling over Bahir Dar, Ethiopia	0	8 February 2022
Quasi Zenith Satellite System-Reflectometry for Sea-Level Measurement and Implication of Machine Learning Methodology	1	18 October 2021
Quasi Zenith Satellite System-Reflectometry for Sea-Level Measurement and Implication of Machine Learning Methodology	0	23 August 2021
TOTAL ELECTRON CONTENT AT EQUATORIAL AND LOW-, MIDDLE- AND HIGH-LATITUDES IN AFRICAN LONGITUDE SECTOR AND ITS COMPARISON WITH IRI-2016 AND IRI-PLAS 2017 MODELS	1	17 June 2020



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Review History Report J R K Kumar Dabbakuti



From: 1 January 2017

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TOTAL ELECTRON CONTENT AT EQUATORIAL AND LOW-, MIDDLE- AND HIGH-LATITUDES IN AFRICAN LONGITUDE SECTOR AND ITS COMPARISON WITH IRI-2016 AND IRI-PLAS 2017 MODELS	0	30 April 2020
Modeling and analysis of ionosphere TEC over China and adjacent areas based on EOF method	1	14 April 2019
Modeling and analysis of ionosphere TEC over China and adjacent areas based on EOF method	0	14 February 2019



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Review History Report J R K Kumar Dabbakuti



From: 1 January 2017

To: 15 April 2022

All dates in GMT



Journal of Asian Earth Sciences: X
1 reviews completed

Manuscript title	Revision	Date completed
A study of possible correlations between seismo-ionospheric anomalies of GNSS total electron content and earthquake energy	0	12 August 2021



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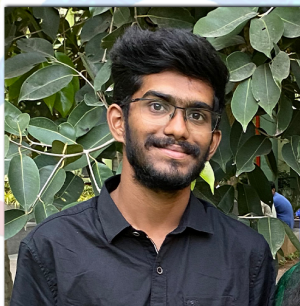


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DAY

