# JNTU
## KAKINADA

JNTUK
WDC

# JNTUK

# Jawaharlal Nehru Technological University Kakinada

This is formed in the year 2008. University College of Engineering, Kakinada, is one of the constituent colleges of this University playing a significant role since 1946 in imparting technological education in the state of Andhra Pradesh. JNTUK jurisdiction covers the Five districts of Andhra Pradesh having around 159 affiliated Engineering, Pharmacy and Management Colleges. Jawaharlal Nehru Technological University Kakinada (JNTUK) is established in the year 2008 vide ACT NO. 30 OF 2008 by the State of ANDHRA PRADESH. The University grew out of the College of Engineering Visakhapatnam founded by the Government of the composite Madras State in the year 1946. Spread over a sprawling campus of 100 acres in the port city of Kakinada, the college became a constituent of JNTU, Hyderabad in 1972. Subject to the trifurcation of the JNTU Hyderabad, it was notified as JNTUK Kakinada by the act of legislature in 2008.

The jurisdiction of JNTU Kakinada extends over districts of East Godavari, West Godavari, Krishna, Guntur, and Prakasam. The University has 159 affiliated colleges under the jurisdiction of 5 districts and offers Engineering & Pharmacy courses in Under Graduate and Post Graduate Programs and also offers Management programs. The University and colleges are governed by the rules and guidelines provided by the Higher Education Department of AP and AP State Council for Higher Education from time to time. JNTUK has produced highly professional and competitive Engineers by infusing greater quality and content into the curriculum and educating the students with appropriate skills suitable for a rapidly challenging industrial scenario.

To improve the Quality of Technical Education, faculty are encouraged to participate actively in a number of national programmes like the Teacher Quality Improvement Programme, University-Industry Interaction through consultancy, Continuing Education Programmes, and Expansion of infrastructure facilities for Emerging Technologies. University has established higher learning institutes such as Institute of Science and Technology (IST), School of Food Technology(SFT) and School of Management Studies(SMS).

The University Board of Studies is composed with reputed persons from Higher Learning Institutes and industry and revises its course structure and syllabi regularly for every three years. In 2015, JNTUK started offering customized MOOCS with the support from senior faculty of IITs, NITs and industry persons and offered various courses to its affiliated colleges. To enhance and focus on research, the University has established a Research and Development Cell and Research Centers in affiliated colleges and provided Scholarships for fulltime Research Scholars to increase number of in-house researchers.

JNTUK Web Development Cell (WDC) Established in 2021 to Provide day to day support for the University Website like publishing and updating newsletters, calls for applications and events on the website.

## WDC Activities :

· Developed portals for **DMC, Director Academic Planning, Research and Development, IQAC, NSS, ECOSAK, Biotechnology and Food Technology**

· Developed **"JNTUK E-Ticket"**- a ticketing tool to receive and monitor day to day DMC/WDC-service requests.

· Developed a **PhD Tracking Software** for the University Examination Centre

· Developed **"JNTUK E-medha"**-University Learning Management System (LMS) capable of hosting and running courses - containing course content - may be integrated into a mobile app in the future.

· Actively involved in the **revamping** of the JNTUK Website

· Providing **"E-office"** day to day support for all the University officers.

· Coordinating JNTUK-Infosys Spring Board activities.

## WDC Service s to other Units of JNTUK (In-house Projects)

- **Directorate Academic Planning: ( https://jntukdaaportal.org/)**
- The Directorate of Academic Audit of JNTUK headed by the Director. It looks after the works related to Academic Audit of the entire University and Constituent/Affiliation Colleges.
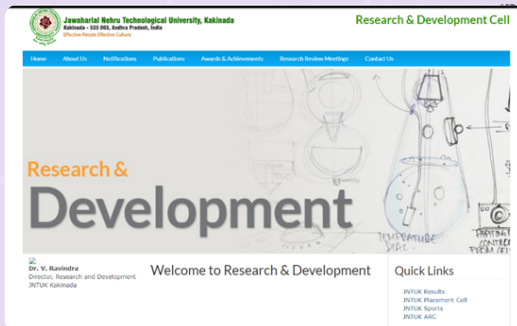


Colleges can enrol their data and pay the University Common Services Fee., Application & Inspection Fee and No Objection Certificate Fee through the payment gateway provided here.

Users shall be created depends on the access to the website and shared across the members of the respective roles. Depends on their roles they can see admin panel and their actions.

## Research and Development ( https://rd.jntuk.edu.in/)

The R & D cell functions with the following motto to encourage multidisciplinary collaborative research among faculty members and with research institutes across the globe.



To facilitate cutting edge research in thrust areas identified by the departments.

To organize scientific outreach programmes periodically in order to address research gaps through knowledge management. To promote industry-oriented research in diverse fields so as to integrate the outcome with real-world applications.

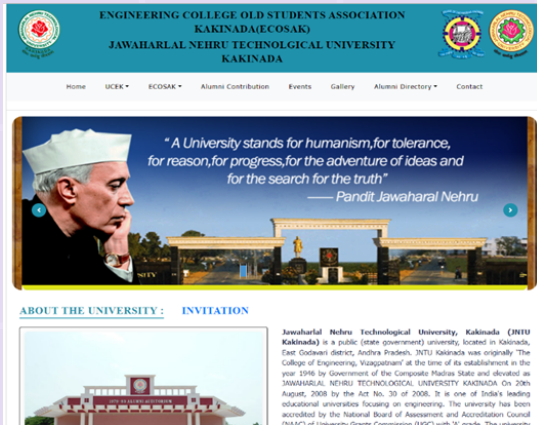## NSS (http://jntuknss.org/team.php)



National Service Scheme (NSS) : is an Indian government -sponsored public service program conducted by the Ministry of Youth Affairs and Sports of the Government of India. The scheme was launched in Gandhiji's Centenary year in 1969. Aimed at developing student's personality through community service, NSS is a voluntary association of young people in Colleges, Universities and at +2 level working for a campus-community linkage.

This website is designed to view all details of NSS. NSS Units will get the latest News/Events on the programmes launched. Under the NSS Units can find all the information about the units located. Users shall be created depends on the access to the website and shared across the NSS team members, depends on their locations they can upload notifications, new, events, etc.

## ECOSAK (http://ecosak.org.in/)

**ENGINEERING COLLEGE OLD STUDENTS ASSOCIATION KAKINADA(ECOSAK):** is a public (state government) university, located in Kakinada, East Godavari district, Andhra Pradesh. JNTU Kakinada was originally 'The College of Engineering, Visakhapatnam at the time of its establishment in the year 1946 by Government of the Composite Madras State and elevated as Jawaharlal Nehru Technological University Kakinada on 20th August, 2008 by the Act No. 30 of 2008. It is one of India's leading educational universities focusing on engineering. This website is designed to view all details of ECOSAK.

We can see the information about ECOSAK, former principals of UCEK, Board Members, ECOSAK Development Trust, Alumni contribution, the latest Events, Distinguished Alumni and Registration form of Alumni.

## Biotechnology( https://jntukbiotech.com/index.php)

Biotechnology: is a multidisciplinary field involving Biochemistry, Molecular biology, Genetics, Immunology, Microbiology, Pharmacology, Chemical engineering, Agricultural biology, Cancer biology, Bioinformatics and many others. Each of the contributing subject areas brings its own special vocabulary and nomenclature standards to this multidisciplinary field.

The school of Biotechnology was established at Jawaharlal Nehru Technology University in the year 2009.The Department offers Full time PG programme i.e. M. Tech in Biotechnology and Ph.D. course providing wide range research.

This website is designed to view all details of Biotechnology. We can see Academic Program & Courses, Syllabus, Infrastructure, Ongoing Projects, the academic requirements, Awards, Patents Postgraduate Merit Scholarship and the Latest News

## Food Technology (https://jntukfoodtech.com/)

Food Technology: is focusing more on Research Programs and need based technology. Accordingly, an independent R & D Cell has been established to promote and monitor the research Programs of the University. R & D cell is headed by a Director and supported by a coordinator and office staff. The R & D cell has an advisory board with senior faculty members. The Directorate administers all the research Programs of the University by monitoring and coordinating the research Programs. It conducts the research review meetings to examine the quality of research being conducted by various teams. The R & D cell also recommends the sanction of research scholarships to scholars

This website is designed to view all details of Biotechnology. We can see the information Food Technology, Syllabus, Mission Programmes O information, Research and Publications, Patents Food Testing Laboratory, Industrial Visits, Internships, Placements, Projects etc.

# PhD Tracking Software ( http://jntukdephdtracker.online)



A Doctor of Philosophy (PhD, Ph.D., or DPhil;) PhDs are awarded for programs across the whole breadth of academic fields. Because it is an earned research degree, those studying for a PhD are required to produce original research that expands the boundaries of knowledge, normally in the form of a dissertation, and defend their work before a panel of other experts in the field.

This website is designed to view all details of PhD Tracking. PhD Supervisors and Scholars can register for this website and can track the Thesis.

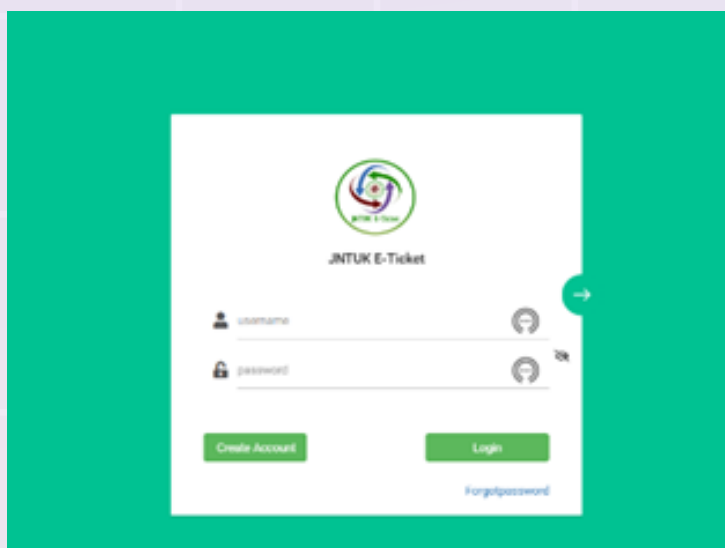## IQAC (https://jntukiqac.com/)



As per the guidelines of National Assessment and Accreditation Council (NAAC), the establishment of Internal Quality Assurance Cell (IQAC) is a mandatory requirement for all NAAC-accredited institutions. JNTUK, Kakinada was reaccredited by NAAC in the year 2017 with B+ grade (CGPA 2.67). The IQAC of JNTUK, since its inception, has been consistently and actively involved in quality sustenance and quality enhancement activities. It is a participative cell of the University that works on evolving strategies to remove deficiencies and enhance quality, thus channelizing the efforts of the University towards achieving holistic academic excellence.

Three are many links shared for the easy access to the respective areas.

We can also share the feedback using Feedback Forms for Alumni, Faculty, Industry, Student.

## JNTUK –eTicket (https://jntuketicket.in/index.php)



Web Development Cell (WDC) developed JNTUK-eTicket, a ticketing tool for receiving and monitoring daily Digital Monitoring Cell (DMC) and Web Development Cell (WDC) service requests (tickets) from all university offices.
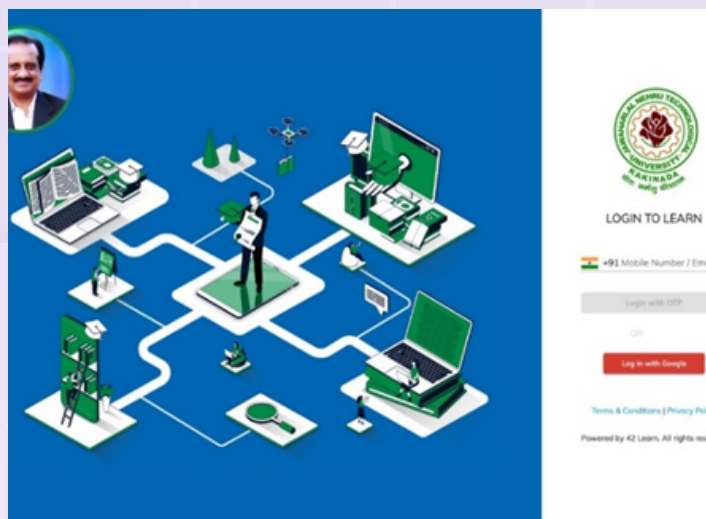
## JNTUK E-learn & e-Medha (https://jntukelearn.in/emedha/)



WDC maintaining JNTUK E-learn website. This webpage contains all the details about the previous and present Online Courses.

With an aim of promoting advanced learning and making students industry ready, JNTUK started offering Massive Open Online Courses (MOOCs) since 2015.

WDC is maintaining "JNTUK e-Medha"-University Learning Management System (LMS) capable of hosting and running courses - containing course content - may be integrated into a mobile app in the future. Access to this LMS will be given to all the Colleges.



## WDC Future Plans/Activities

**JNTUK-Mobile App –To see the updates, Tender and Notifications etc.**

> **o Chat bot/ Conversational agents: To have a Chat bot to answer the Frequently Asked Queries.**

**JNTUK e-dispatch: Mobile app for faster & efficient Communication management.**

> **o Maybe combined with barcode reader where the barcode label is attached by concern directorate with brief context or keywords**

**Senate Hall + Alumni Hall Occupancy App: To check the hall occupancy and book it in advance to conduct any evets.**

**Virtual library page: An Landing page will be created by library which gives links to in-house and external sources of information. This page is available to staff and students through LAN.**

**Special Officer Web Development Cell (WDC)**
**Ground Floor,Administrative Buliding**
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