



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము

(An Autonomous Institute under Kakatiya University, Warangal)

(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)

INTERNAL QUALITY ASSURANCE CELL (IQAC) NAAC SSR DATA LINKS FOR CRITERION-III

3.3: Innovation Ecosystem

The KITSW has created eco system for innovation and undertaking initiative for creation of transfer of knowledge to the community. It has established centre for Innovation, Incubation, Research & Entrepreneurship. It has established 5 different centres

1. AICTE IDEA Lab
2. Institution Innovation Council (IIC)
3. MSME (Micro Small Medium Enterprise) Business Incubation
4. Entrepreneurship Development Cell (EDC)
5. National Innovation Start-up Policy (NISP)

The college has strengthened its research infrastructure by obtaining funds to create conducive research environment and promote research works on the campus. Specialized research equipments and Central research facilities were established.

AICTE IDEA Lab

AICTE has launched a scheme for establishing AICTE-IDEA (Idea Development, Evaluation & Application) Lab in its approved institutions for encouraging students for application of Science, Technologies, Engineering and Mathematics (STEM) fundamentals towards enhanced hands-on experience and learning by doing. Under AICTE Idea Lab the institute was selected for establishing Lab equipments with the fund of Rs. 1.23 Cr. Advanced equipments were procured to strengthen and upgrade available facilities to conduct advanced research. AICTE IDEA Lab develops critical thinking and complex problem solving abilities to take up challenging tasks among the students of the institution.

Links:

<https://drive.google.com/file/d/1cbpj4cnWROMjsLZ9tqRJWhNLt-RjYt66/view?usp=sharing>

Activities:

<https://drive.google.com/file/d/1gI5Gggvollji1XHEQzIcRzFDDxJg9upR/view?usp=sharing>

Institution Innovation Council (IIC)

To systematically foster the culture of Innovation among the students, IIC was established. IIC conducts competitions and workshops to encourage startups by students. Students are encouraged to participate in Hackathons/Club Activities.

Links:

<https://drive.google.com/file/d/1bI06ldzi80wyisDtkB42ttgA18VBDihE/view?usp=sharing>

Activities:

<https://drive.google.com/file/d/1CtfSRQ47NuEkGK9jQjM5b5-tQ6jpMVK8/view?usp=sharing>

MSME (Micro Small Medium Enterprise) Business Incubation

MSME (Micro Small Medium Enterprise) Business Incubation was setup to submit innovative ideas to funding agencies and to develop incubation ecosystem in-house and external incubates and startups. Furthermore MSME incubation centre helps to explore funding agencies and support innovative ideas of individual and adopt latest technologies. Dr. V. Raju Reddy, Asst. Prof of ECE, received a fund of Rs 16.4 lakhs for his innovative project- Real Time Parking space identification using Computer Vision in Smart Cities, from MSME-Business Incubator. Mr. B. Raghu, Final year Mechanical student and his team, received a fund of Rs 15 lakhs for his innovative project- Design and fabrication of reaper and binder machine for Leafy vegetables, from MSME-Business Incubator. Mr. B. Nagarjuna and his team was among the top 3 contestants of National Level Hackathon organized by MIC, Smart India Hackathon – 2022 & exhibited their solution for the problem statement in the final round.

Links:

Activities:

<https://drive.google.com/file/d/13r1v9qNsG2MHWjTMgiuNNJoDOz-AHxye/view?usp=sharing>

https://drive.google.com/file/d/1gPgLbJM3Re_o5bN2ei50ZtpJC7q9M4Mi/view?usp=sharing

Entrepreneurship Development Cell (EDC)

The institute has established Entrepreneurship Development Cell (EDC) to create an environment for self-employment and entrepreneurship development through formal and non-formal programmes on fulltime / part-time basis for final year students, alumni, educated unemployed and working professionals. To introduce the concept of entrepreneurship in curricula in degree and PG levels. EDC helps to develop management personnel at appropriate levels for the non-corporate and unorganized sectors like rural development and small-scale industry. Furthermore, EDC is utilized to create infrastructural facilities and technically trained manpower for the development of non-corporate and unorganized sectors. And it also promotes employment opportunities.

Links:

<https://drive.google.com/file/d/1nUcR5L4wxOBmxA6f6CRHrLIHl8OTWw0p/view?usp=sharing>

Activities:

https://drive.google.com/file/d/1_mKMjxf87CKv-NBKB9p2imioaZNgGCZT/view?usp=sharing


National Innovation Start-up Policy (NISP)

The college has recognized host centre for NISP. Through NISP, human resources and incentive support for startups are encouraged. And also IP ownership rights for technologies development and transfer is done.

Links:

Activities:

<https://drive.google.com/file/d/1URJ41leI3vKyW-TXT3nYgE5RZcEPpXIX/view?usp=sharing>


Coordinator, IQAC




PRINCIPAL

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