



KONERU LAKSHMAIAH EDUCATION FOUNDATION

(Deemed to be University estd., u/s 3 of UGC Act 1956)

Greenfields, Vaddeswaram, Guntur (Dist.), AP-522502

www.kluniversity.in



Research & Development Policy

RESEARCH POLICY

Preamble: KL Deemed to be university was established in 1980-81, as KL College of Engineering, which was upgraded to KL College of Engineering Autonomous in 2006 by UGC, and was declared as a Deemed to be University in 2009 by UGC, MHRD Govt.of India. In 2012 as a Deemed to be University the institution was accredited by NAAC with A Grade and later in 2018, was re-accredited by NAAC with A++ grade. In 2019 UGC, MHRD declared this intuition as Category I Institution. In 2019 University secured 50 NIRF rank in the category of University, 52 in the category of Engineering College.

The institute remains indebted to leadership of our late co-founder Er. Koneru Lakshmaiah and our Founder Er. Koneru Satyanarayana, both of whose vision has helped in creating this abode of learning, which has emerged as one of the elite institutes of the nation.

K L Deemed to be University is situated in a spacious 100-acre campus, with a built up area of over 20, 00,000 Sq Ft., on the banks of Buckingham Canal of river Krishna, the campus is eight kilometers from Vijayawada city. Built within a rural setting of verdant green fields, the institute is a virtual paradise of pristine nature and idyllic beauty. The campus has been aptly named "Green Fields" and the splendid avenue of trees and gardens bear testimony to the importance of ecology and environment. The campus ambience is most befitting for scholastic pursuits.

The new off campus, has come up in 2017 at Hyderabad, Moinabad, Aziznagar Road, near TSPA Junction, on the road leading to Chilkur Balaji temple, with a built up area of 10, 00,000 Sq.ft, which is temporary campus, and the permanent campus is being made ready at Bachupally.

Vision: To be a globally renowned university.

Mission: To impart quality higher education and to undertake research and extension with emphasis on application and innovation that cater to the emerging societal needs through all-round development of the students of all sections enabling them to be globally competitive and socially responsible citizens with intrinsic values.


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Purpose:

The purpose of the Research Policy is to bring a vibrant atmosphere of research among faculty and researchers in K L E F. The policy shall serve as an overall framework within which research activities may be carried out.

Objectives:

1. To promote inter-disciplinary studies and create needful facilities that enhance inter-disciplinary research and innovation
2. To create an ambience that is conducive for undertaking sponsored research, internal funded research and offering consultancy services to wide spectrum of originations
3. To establish centres of excellence in frontier areas of research and design innovation centres with industry collaboration
4. To create environment to innovate and incubate the products and services that addresses the societal requirements.
5. To Facilitate protection and valorization of intellectual properties generated by its faculty, staff and students
6. To integrate research into all academic programs
7. To maintain high standards in achieving research outcomes
8. To promote International conferences / Seminars / Workshops / in collaboration with professional bodies for creation of avenues for research exchange
9. To generate means and avenues for carrying out extramural research for Industry and Academia
10. To organize extension activities covering literacy promotion, health awareness and improve the living standards of community
11. To make the research outcomes useful and applicable for the societal needs


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R&D Organisation

R&D Division of the University shall be organised into six different cells dealing with sponsored research, Academic research, Extension and Extramural, Excellence centres, Consultancy, IPR and IIE

1. Academic Research

- a. There shall be norms separately fixed for different levels of the faculty so as to progress research publications
- b. The faculty of the University shall conduct research in focussed areas of research identified by central government in addition to the preferred research areas by the Faculty
- c. Scholars shall be allotted to the Faculty based on mutual research interest.
- d. The faculty who have published papers which are either web of science or SCOPUS indexed shall be paid incentives based on the Impact factor of the Journals in which the papers are published
- e. Term papers, B. tech projects, and M. Tech projects will be research focussed and every project shall lead to at least one research publication which should be indexed either in SCOPUS or WEB of science
- f. Faculty in each of the department shall be conducting research in specified focussed areas of research
- g. The University shall call for PhD admissions in every focused area of research. Doctoral program shall be implemented as per the approved KLEF PhD regulations.
- h. Every non doctorate faculty shall register for a PhD programme within 6 months of their appointment and will be spending more time on research during vacation.
- i. Every faculty shall be monitored and controlled to publish their original work only
- j. KLU Faculty shall collaborate with faculty in other organisations for conducting research wherever required.



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- k. Thorough checks shall be made to eliminate plagiarisms before any paper is published. Only original work done @ the university either individually or under collaboration shall be allowed to be published
- l. The University shall short list the Journals which are either SCOPUS, WEB of Science, etc. Indexed in which the faculty will be allowed to publish. Among the indexed Journals, preference for publishing will be given for those journals which has high impact factor.
- m. The Post doctoral fellowship of Koneru Lakshmaiah Education Foundation (KLEF) shall be aimed to identify highly motivated young researchers and provide them support for doing research in frontier areas of science and engineering.

2. Sponsored and Internal Research

- a. Every faculty shall start an internal project with an aim of applying for external funded project. Internal grant required for conducting the internal project shall be provided by the organisation
- b. Every doctoral faculty newly joined in the University shall be provided with SEED money to initiate/continue their research
- c. Every doctorate holder shall apply for at least one governmental organisation for funding
- d. Norms shall be fixed for paying expenses or incentives to the faculty either for procurement or for those of the faculty who have been awarded with the externally funded projects and the incentives shall be paid at the end of every academic year.
- e. The university shall make available the basic infrastructure required for conducting either internal funded or external funded research.
- f. All Departments shall be recognised by National / International agencies through schemes / funding such CAS, FIST etc.
- g. Every research conducted will be IPR and copy right protected by the University
- h. Faculty shall be encouraged to proceed to file a patent soon after a specified research is completed



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- i. Faculty shall strive to find inter-disciplinary research requirements in their chosen field of research and embark on the same for conducting the research
- j. The university shall form special research groups who concentrate on doing research in government listed areas of research
- k. The faculty of the University shall closely tie-up with industries and corporates for undertaking funded research in the interesting areas of the corporates and the industry

3. Extension, Extramural Research and Outreach

- a. The industry experts shall be encouraged to do research under the guidance of the faculty in the Industry specific research
- b. The faculty of the University shall select Society specific problems and conduct research to find the solutions. The research topics could include chronic diseases, women and child health
- c. The University shall conduct educational programs relevant to a community, society or a specific group outside the boundaries of KL University. The programs conducted must unique and generally not available in the neighbourhood of the society. Some of the programs that could be conducted include the following but could be added more:
 - 1. Advance Course on Archaeology
 - 2. Certificate course in Astronomy and Astrophysics
 - 3. Certificate course in Ancient Indian arts and sciences
 - 4. Certificate course in Dramatics
 - 5. Certificate course in Nursery and Gardening Maintenance
 - 6. Certificate course in Taxonomy of plants and animals
- d. The faculty of every program shall visit at least one village in the neighbourhood, investigate the problems and find solutions and implement the same using the technology expertise of each of the department.
- e. Students shall be encouraged to participate in every extension and outreach activity conducted by the University


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- f. The university shall disseminate the results achieved out of research done to the needy people in the surrounding.
- g. The university shall conduct outreach programs related to aging, life course development that lead to national integration, intervention programs that lead to reduction in social isolation of the people and older people, improving the quality of care provided by nurses in nursing homes, engaging the older persons in environmental volunteering. Out-reach programs in the fields of chronic pain, child related abuse, neglect, preventive interventions, transactional research, stress and coping
- h. The university shall conduct programs aimed at developing the trade skills of the people around
- i. The faculty of KLU shall conduct collaborative research in association with Industry persons
- j. KLU shall depute its own faculty experts for training Industry persons and also work as faculty in other educational institutions as per the needs
- k. KLU Faculty shall participate as resource persons in the events including workshops and conferences conducted outside the premises of KLU

4. Excellency Centres

- a. The University shall develop at least one excellence centre in the frontier areas of research and shall make available the centres for research by the faculty and the industry persons working in other organisations in addition to the centres being used by KLU faculty

5. Innovations, Incubations, Entrepreneur Development And IPR

- a. The university shall create an innovation culture by organising various kinds of programs such as ideation programs, collection of innovations from research undertaken in respect of academic, extension, extramural and outreach.
- b. Every major invention achieved out of conducting research shall be innovated and the same shall be incubated in the incubation centre which will be augmented from time to time.



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- c. Students shall be allowed to select an incubated product and use the same to be developed in large scale through separately established start-up. All the training required for the students to become entrepreneurs shall be imparted
- d. The University shall incorporate an incubation centre that has all the facilities for incubating the innovations
- e. Every innovation shall lead to filing a Patent
- f. The university shall provide support required for filing the patents and also for completing the ground work required to get the patents registered and licenced
- g. The university shall provide required support to the faculty for filing IPRs and copy rights when it has been provide by the faculty that such a filing is necessary to protect the value of the research done by the faculty of the University

6. Consultancy

- a. The university shall share the consultancy income in 30:70 ration for research consultancy and 70:30 ration for testing consultancy after accounting for all expenses
- b. Every department shall show case their expertise through brochures and carrying marketing campaigns
- c. The department shall enter into MOU when there is need for specialised equipment owned by other and which are needed for conducting consultancy.

Incentives:

To encourage Faculty to publish in reputed journals, an incentive scheme has been constituted. Under this scheme, faculty entitled to get an incentive for each of their research activities. The details of this scheme are given below:



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For Papers Published Under Engineering Stream:

S No	Criteria	Only Scopus (Rs.)/paper	Only SCI (Rs.)/paper	SCI & SCOPUS (Rs.)/paper
1	No Impact Factor	1750	1750	2750
2	Impact Factor - 0 to 1	2750	3000	3750
3	Impact Factor - 1 to <2	3500	4000	5000
4	Impact Factor - 2 to <3	4500	5000	6000
5	Impact Factor - 3 to <4	6500	7000	8000
6	Impact Factor - 4 to 5	8500	9000	12000
7	Impact Factor - IF >5	10000	12000	16000

For Papers Published Under Science Stream:

8	Impact Factor 1 to < 2	0	1000	2000
9	Impact Factor 2 to < 3	2750	3000	3750
10	Impact Factor 3 to < 4	3500	4000	5000
11	Impact Factor 4 to 5	4500	5000	6000
12	Impact Factor IF > 5	8000	9000	10000
13	Papers published in IEEE, ASME, ASCE, ACM, MIT Journals	Rs. 10,000		
14	Books published with International Publishers.	Rs. 25,000		
15	KLU Research Supervisor (after degree being conferred to scholar)	Rs. 10,000		

S No	Category	Criteria	Incentive
16	Sponsored Projects (Sciences, Engineering, Humanities & Management)	50% on receiving; 50% after completion and submission of UC.	5 % of the amount deposited in KLU
17	Sponsored Projects with societal relevance	50% on receiving; 50% after completion and submission of UC.	6.5 % of the amount deposited in KLU
18	Sponsored Events	0.5- 1 lakh	Rs .3500
19		1-5 lakhs	Rs .7500
20		> 5 lakhs	5%
21	Leave Travel Incentive	> 1.00 Crore (cumulative also)	Rs .1.25 Lakhs/ Crore Grant


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22	Instrument Based Collaborative Projects	If the instrument is shifted to KLU permanently	1 % of the cost of the equipment
23		If the instrument is shifted to KLU for project period only	0.25% of the cost of the equipment
24	Granted Patents	with KLU Affiliation	Utility- Rs. 20000/-
			Design - Rs. 5000/-
25	Research Awards	If Received from Private Organisations	Rs .4000/-
		If Received from Public Organisations	Rs .10000/-
26	Honors/Memberships	If Received from Government Organisations	Rs .8000/-
27	International Fellowships	Minimum 6 weeks stay	Rs .25000/-
28	PDF Mentor	with K L U Affiliation	Rs.20000/-PDF
29	Presentation of papers in international forums outside INDIA.	with K L U Affiliation	Rs. 10000/- Conference
30	Consultancy Projects	50% on receiving; 50% after completion and submission of UC.	70% to PI 30% to K L U of the grant left after operating costs
	Research Consultancy		30% to PI 70% to K L U of the grant left after operating costs
	Testing Consultancy		
31	Executive Training	50% on receiving; 50% after completion and submission of UC	10% of the amount deposited in KLU
32	Paper citations	For every 5 cross citations only	Rs. 1000



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