Approved implementation frame work for "Minor in Engineering"

1. Students without backlogs are only eligible to apply for the Minor in Engineering.
2. They should earn additional 12 credits for the Minor degree in two years with the one year break of study provision in the KTU, B. Tech ordinance.
3. For attaining the 12 Credits they should undergo minimum four courses of 3credts each during the specified period. The total number of contact hours will be 180 hrs during a period of 15 weeks. That is 45 contact hours per course (15x 3x 4 = 180).
4. As specified by AICTE the course curriculum must be aligned with NSQF. Out of the 4 prescribed courses it is suggested that two courses must be of "Level 4", one course of "Level 5" and one course is of "Level 6". Any course below "Level 4" of NSQF must not have a space in the "Minor" Curriculum.
5. Curriculum design of the courses can be done by any agency but it must be formally approved by the curriculum committee formulated for that particular "Minor" by KTU and subsequently the Academic Committee as per the academic regulations.
6. Regarding the course delivery the credentials of the resource personnel/ trainer and the Lab/ workshop facilities must be as per the standards prescribed by the KTU.
7. The course Assessment must be done as per the provisions in B. Tech ordinance under the title "Academic Assessment/ Evaluation". **This evaluation is mandatory for earning credits as per the KTU Academic regulations.**
8. The curriculum must be insulated from proprietary software and hardware and everything should be on free and open source platform.
9. The facilities and services extended by government agencies such as ASAP, KSUM, KSDP, ICFOSS, ICT Academy, Affiliated colleges etc must be tapped to the maximum possible extent for the benefit of KTU students. As far as possible private players must be avoided at least during the first phase of the "Minor in Engineering" implementation.

Enclosures to be submitted to the University with the proposal for Approval

(The proposal should be accompanied by forwarding letter and   signature and seal on each item by the CEO of the offering agency)

1. Name of the Minor
2. Engineering Streams for which it can be offered.
3. Brief description regarding the relevance and importance of the proposed Minor.
4. Minor - Job roles – Employer/Industry (Mapping of the proposed minor with job opportunities and the potential employers shall be clearly illustrated)
5. Declaration regarding the use of free and open source software and hardware.
6. Declaration regarding the non-inclusion of private players.

7. Course materials such as participants hand book, Trainer's hand book, Quality frame work, Assessment guide, Lab Manuals etc
8. Academic Calendar and mode of course delivery.
9. Fee structure.
10. Student's grievances redress mechanism.
11. Any other relevant information.

12. Curriculum (Please visit KTU website for model curriculum)

Sl No:	Course Code	Course Name	L – T - P	Credits	Offering semester
1	Assigned by the UTY			3	4 or 5
2				3	5 or 6
3				3	6 or 7
4				3	7 or 8
			Total credits	12	

13. Syllabus (Pre – requisite, course objective, expected outcome, Modules, Text books, Reference books etc). Please visit KTU website for syllabus of courses offered by the University.

14. Course Plan (Please visit KTU website for course plan)

Module	Content	Allotted Hours	% Weightage

15. Credentials of course faculty and trainers.

Sl No:	Name	Field of specialisation	Highest Qualification	Teaching Experience	Industry Experience
1					
2					
3					
4					
5					
6					
7					