

GTU INNOVATION SANKUL GANDHINAGAR

The Sankul creates a road-map and develops a Sankul Performance Index

Under the leadership of **Mr. Haren Shah**, Industry Co-Chair of GTU Innovation Sankul, Gandhinagar, the Sankul arranged three meetings with various stakeholders of the Sankul involving all Principals and GTU Innovation Club Coordinators. The Sankul has created a roadmap and developed a Sankul Performance Index, based on various parameters to gauge the progress of each college for individual and collective goals. Each college will get lateral learning opportunity from the best practices under various parameters as given below. All 25 GTU Innovation Sankuls should take a note of such endeavours and develop contextual road maps for their Sankul and set appropriate goals. Each Sankul may set its own benchmarking parameters to measure the progress and find learning opportunities from each other.

The parameters, on which the proposed Sankul Performance Index, developed at Gandhinagar, is based:

Sankul Performance Index - Parameters		
No.	Parameter	Weightage
A)	Projects	16
B)	Career Awareness (extended to placement)	12
C)	Exposure to real world situations	8
D)	Industry role in training	12
E)	Soft skills to become Industry-ready	12
F)	Industry role in assessment	8
G)	Inculcation of Entrepreneurial virtues	8
H)	Facilitation for Industries	8
I)	Sponsorship from industries	8
J)	Professional networking	8
Total		100

The detailed performance index parameters, based on which the Sankul is going to evaluate the progress of its desired goals, are related to Innovation and Entrepreneurship, as follows:

A) Projects

Sankul Performance Index		
Parameter -- Project activities (16 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Web-portal based project activities (Posting of industry needs, assignment of projects, monitoring, user certification, forums)	15
2	Industry assessment of project progress, Paid projects	15
3	Project themes (Rural issues, e-governance, anti-corruption systems, healthcare, etc.	10
4	Off-the-shelf available (ready-to-use) technology and management products, technology blocks, concepts for industry	10
5	Redesign of traditional equipments, gadgets, appliances, processes	10
6	System to handle Industry problems, Resolution of bugs	10
7	Methodology for relay concept. Documentation and transfer of work	10
8	Involvement of users in the design process	5
9	Spot recommendations for problem solving. Quiz type of programs	5
10	Consideration of constraints during design	5
11	Parallel design and one or combination to be selected. The IBM way.	5
Total		100

B) Career Awareness

Sankul Performance Index		
Parameter -- Career Awareness (12 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Industry data in structured form (products, services, technology used, size, etc.)	20
2	Awareness among students about work profiles (careers) and industries	20
3	Profile wise skill needs, work challenges and growth path	20
4	Many (Students) to one (Industry) arrangement of mutual acceptance (Mentorship)	20
5	Identification of students' preferences for industries and profiles (careers)	10
6	List of job & career profiles (skill sets, proficiencies) in Industries (posted by industries)	10
Total		100

C) Exposure to real life problems & situations

Sankul Performance Index		
Parameter -- Exposure to real life problems & situations (12 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Industry visit by students	20
2	Multi-faceted Industry Audit by students and faculty	20
3	Industry visit by faculty	12
4	Faculty on deputation to Industry	10
5	Institute membership to Associations, Active involvement	10
6	Student membership to Industry Associations	10
7	Faculty Skill enhancement (formal training through professional trainers)	10
8	Trade fair visits	8
Total		100

D) Industry Role in Training

Sankul Performance Index		
Parameter -- Involvement of Industries in Training (12 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Formal deputation of personnel as visiting faculty by Industry	20
2	Faculty Skill enhancement by Industry	20
3	Affiliation of students with the industry since the second or third year (Mentorship type)	15
4	Guest lectures by Industries	15
5	Industry recommended syllabus	15
6	Mentorship framework (Guidelines, MoU drafts, Systems)	15
Total		100

E) Soft skills to become Industry-ready

Sankul Performance Index		
Parameter -- Soft skills to become Industry-ready (12 out of 100)		
No.	Activities / Initiatives / Work	Weightage
	Softskills for grooming of Industry Ready Output	
1	Perfection, TQM, Six Sigma, Never-ending Refinements	16
2	Project planning and management skills	16
3	Softskill assessment and inculcation centres -- GTU/Industry managed or authorized	16
4	Communication and reporting Skills	16
5	Cost analysis, Pricing, Negotiation	8
6	Customer or user orientation	8
7	Documentation skills	8
8	Industry related laws, company acts, etc.	8
9	Accounting skills	4
Total		100

F) Industry role in assessment

Sankul Performance Index		
Parameter -- Involvement of Industries in Assessment (8 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Assessment of infrastructural facilities (laboratory, library, etc.)	20
2	Assessment of syllabus	20
3	Assessment of systems and training methodology	20
4	Assessment of faculty skills and competence	20
5	Assessment of student skills	20
Total		100

G) Inculcation of Entrepreneurial virtues

Sankul Performance Index		
Parameter -- Entrepreneurship Culture (8 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Co-ordination with SIDBI, GVF, EDI by GTU entrepreneurship Cell	20
2	Incubation Cells with GTU defined facilities and practices and services	20
3	Project to Sellable (ready to deliver) product conversion	15
4	MSME Cell - Fun associated with MSME challenge. Counselling sessions with MSMEs	15
5	Training on company start-up and challenges, Interactions with start-up entrepreneurs	15
6	IPR Cell -- Awareness and actions	15
Total		100

H) Facilitation for Industries

Sankul Performance Index		
Parameter -- Facilitation for Industries (8 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Availability of institute's resources for use by industries (Library, Lab, Auditorium, etc.) (Guidelines and MoUs)	15
2	Availability of students for vacation or week-end assignments at Industry	10
3	Industry prescribed grooming of selected or all students by Institute	10
4	Industry recommended supplementary courses with joint certification	15
5	Industry sponsored research or problem solution	10
6	Faculty role in recruitment process at industries	10
7	Consultancy in Industry by faculty	15
8	Skill enhancement of Industry work force	15
Total		100

GTU INNOVATION COUNCIL

www.gtuinnovationcouncil.ac.in

I) Sponsorship from industries

Sankul Performance Index		
Parameter -- Help from Industries (8 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Donation of fresh, out-dated or over-used equipment by Industries to Institutes	25
2	Donation of products and / or materials by Industries to Institutes	25
3	Industry sponsored events at institutes	25
4	Scholarship and Appreciation awards to students and faculty	25
Total		100

J) Professional networking

Sankul Performance Index		
Parameter -- Networking (8 out of 100)		
No.	Activities / Initiatives / Work	Weightage
1	Cluster ERP of Association, Industry, Institute (Seamless relations, Synergy)	30
2	Effective Alumni linkage -- GTU Alumni, Common charter for institutions	30
3	One to one meets with the students of foreign universities or from other states in India	20
4	Social events hosted jointly by Industries and Institutes	20
Total		100

Each college under the Sankul requires to perform a threshold index parameter. The high ranking colleges under particular parameter or sub parameter will share their success with all others during the Sankul meeting or otherwise. They will build the capacity of others in enabling them to make it happen in their colleges too. The best practices from across the colleges under the Sankul will be shared with University and with Dr. Akshai Aggarwal, Hon'ble Vice-Chancellor GTU. The Sankul Committee wishes to have inputs from all other stakeholders beyond the Sankul.

For any suggestion kindly write to: Mr. Haren Shah, Industry Co-Chair, GTU Innovation Sankul Gandhinagar at haren@peachcomp.com

Hiranmay Mahanta, Honorary Director, GTU Innovation Council, hiranmay@techpedia.in

S4@gtu.edu.in , gtu_innovation_council@gtu.edu.in