

GTU INNOVATION COUNCIL

Naroda Industries Association, (NIA) arrange meeting with students and faculties to link each students to Industrial issues (IDP)

A team of Industry authorities led by **Mr. Shailesh Patwari**, President NIA and Co-Chairperson (Industry) for GTU's Innovation Sankul at Ahmedabad-Naroda, welcomed students of GTU who were to be linked to industry issues. These issues are called IDPs. IDPs are used by the students as the problem to be solved by them as their final year project. **Mr. Hiranmay Mahanta and Prof M.I.Vyas**, Co-ordinator of the Udisha Club at LDCE at NIA welcomed the industry leaders. The team of industries on behalf of NIA has adapted an innovative strategy to link each student to a suitable industry defined problem/project. Mr. Hiranmay and Student leaders from each project team presented the area of specialization and area of interest of around 100 teams in front of the Industry leaders. The CEOs and authorities of the Industry have promised to link 2-3 team of students in each of the industries. Students will be linked both in MSMEs and bigger industries as per the area of interest and capability of the students.

Prof M.I.Vyas will submit a list of students in each sector like Ceramic, Electronics Engineering, Mechanical, and Environment, Automobile, Chemical and associated disciplines. The industry authorities have advised the academia to allocate a faculty for each team and corresponding industry will review the progress of each IDP in every month as and when feasible. Students were asked to locate their IDPs and start doing a prior art search (literature review) in given time in consultation with their Guides.

The industry leaders appreciated the effort of GTU Innovation Council. Many Industry CEOs said that this model of Innovation is quite unique and it can create a new benchmark and a new paradigm of distributed research involving both industry and academia.

Mr. Patwari has assured that around 100 teams will be linked with associated industries of NIA and nearby industry clusters. NIA will issue a notification to all its industry members to assist the students while locating the IDPs in this week. 30 Industries in Environment and associated sectors have been allocated on the spot for linking to students during the next 2 days. Similar steps have been taken for automobile, energy, Chemical and associated domains.

SPECIFIC OFFERS to COLLEGES:

1. NIA authorities wished to visit each department at the engineering colleges of nearby Sankuls to guide the students on various methodology of industrial research and to

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narrate to them the current industrial needs. NIA offered to make a list of industries and asked them to start visiting the departments and interact the students who are working on their IDPs. They will share their thoughts for interdisciplinary works which has been a key interest in many industry domains.

2. Every industry associated in the process expressed willingness to extend all possible help to students while they will be solving the IDPs inside their colleges in their final year. Many industries have promised resource support if the students need it while doing quality works.

As per GTU norms, the students will take the IDPs in early part of 7th semester and then they will develop them under the guidance of their guides in their respective colleges. The leaders from the industries were willing to interact with the students and their guides to monitor and mentor the progress during the coming academic year.

3. NIA offered to invite the faculty members of various branches to its premises to have periodic discussions on the agenda of IDP allocation and monitoring the development.

When a dozen student teams showed interest in working on interdisciplinary projects, the NIA authorities said that many MSMEs will be improved via this process of benchmarking current level of energy, material and other resources. Mr. Hiranmay Mahanta and Mr. Patwari presented a model of distributed IDP solving process where a bigger issue can be fragmented in modular units, even in interdisciplinary areas. The modular units can be distributed among student groups as per core strength. Mr. Patwari said that many small issues have remained unsolved in many MSMEs for years. He was very positive that the intervention by the fresh young talents through GTU Innovation Council would be able to help. The industry people from engineering domain preferred to share the IDPs in multiple teams at multiple places to visualize multiple heuristics in process innovation while designing a better product or a process. GTU Innovation Council has stressed on this theme right from the beginning and many industry chambers have appreciated it including NIA.

Prof M.I.Vyas presented statistics of students who need to be linked to the industries immediately and a detailed report was presented by students of LDCE led by **Prashant and Manoj Thapa** from respective branches. LDCE has asked its all faculty guides to cooperate and actively participate in this process so that each of the student team will be linked to an appropriate industry related issue within a week.