GUJARAT TECHNOLOGICAL UNIVERSITY

(Established by Government of Gujarat under Gujarat Act No.: 20 of 2007)

ESTD - 2007

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત સરકારના ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

No.: GTU/ROBOCON 2016 / 9763 Date: 16th OCTOBER, 2015

To,
Director/Principal
GTU affiliated colleges

MOA for ROBOCON 2016 competition.

Gujarat Technological University has decided to build GTU team who can represent GTU in ROBOCON 2016 Competition. GTU is thinking to create a consortium of student representatives from various colleges for the above cause to build a university level team. The college who believes in co-creation based innovation and technology development will become a part of the above consortium by signing the MOA.

The agreed institution will nominate the best student representative/s to be part of University team. University and the Advisor/Mentor Appointed by the university will finally decide the team members who will represent the university team based on their contribution, performance and relevance.

While a central team will be constituted to look after the task step by step the teams at various college levels may work with micro assignments as their academic or hobby projects. College authorities of respective institutes will facilitate this process via their existing infrastructure.

GTU affiliated institutes who are willing to be a part of this consortium and sign the MoA are invited.

I/C Registrar

Chandkheda : Nr. Campus of Vishwakarma Government Engineering College, Sabarmati - Koba Highway, Nr. Visat Three Roads, Chandkheda, Ahmedabad - 382 424. Gujarat, India Ph. : 079 - 232 67 500 Fax : +91 - 79 232 67 580

Ahmedabad : 2nd Floor, ACPC Building, L. D. College of Engineering Campus, Navrangpura, Ahmedabad, (Gujarat) India - 380 015. Phone : + 91 - 79 - 26 300 499 / 599 Fax : + 91 - 79 - 26 30 1500

Gandhinagar : K-6 Circle, E-4 Electronic Estate G.I.D.C., Nr. Goverment Polytechnic, Sector-26, Gandhinagar - 382 028 Gujarat. e-mail : info@gtu.ac.in URL : www.gtu.ac.in

Memorandum of Association for GTU Robocon 2016 TEAM

GTU has been pioneering in bringing intervention and sphere heading best practices which have been attempted at various college levels. University believes that given a support system at central level, infusing better resource capital, extending superior hand holding facility and bootstrapping complimentary skill sets of various teams and their members these students can outperform any other team at national and international level. Such arguments were well appreciated by highest authority at GTU and further steps are being initiated to galvanize the spirit and deliver a far reaching impact.
Recently the faculties from GTU affiliated Engineering Colleges came together to discuss how to take part as university in Robocon 2016 competitions.

G.T.U. has taken an initiative to form a team for the ROBOCON 2016 , also known as GTU ROBOCON 2016 TEAM . It is Robotic competitions which focus on good engineering practice, Robo - design and education of the participating students.

Need of the consortium:

University authorities has considered the inputs from various stake holders and mainly students and thinking to create a consortium of student representatives from various colleges for the above cause to build a university level team. GTU being affiliate type University the team will represent GTU who might belong to various different colleges and work in Synchronization. Since years passionate students have been putting their own resources in case of need to participate in the above activities. Despite the best input sometimes the resource requirement and mainly the quality mentoring has been a challenge for performing up to the mark. Sometimes the participation fees and the transaction cost required for making a Robots(one manual & one autonomous Robot) & arena is much beyond the capacity of facing possible support from the college and/or any sponsoring organization. Based on the various norms and requirements set by the ROBOCON organizing institution like MIT PUNE requires real time development . The cost of creatlng step by step product remains challenging for the students to achieve in limited time of their academic schedule at their own college level. Hereby we believe that by banking upon complementary strengths and resource possessed by various departments at various affiliated colleges our students representing university team comprising best students from interested colleges can harness their full potential and uplift the benchmark of their earlier performance individually. The consortium will be formed by colleges who are interested to be the part of university team for any one or more national and international events. The consortium will be shared by the vice chancellor of GTU and will have suitable representation from participating affiliated institute. The colleges who believes in co-creation based innovation and technology development will become a part of the above consortium by signing the MOA.

Deliverables desired from the MOA:

1. The agreed institution will nominate the best student representative/s to be part of University team - GTU ROBOCON 2016 TEAM . University and the Advisor/Mentor Appointed

by the university will finally decide the team members who will represent the university team based on their contribution, performance and relevance.

2. University will put the resource required for GTU ROBOCON 2016 TEAM and bring in mentors to build the capacity of students.

3. The constituent colleges of the consortium agrees to provide their lab infrastructure if required when their students may do some of the micro assignments of the entire project at their respective institutes during their academic process.

4. Based on the accessibility and maximum lab resource availability one of the college will host the central team by providing access of the lab/workshop infrastructure or potential intellectual input for helping the university team to achieve in designing the desired Robots

5. Financial resources will be contributed or channelized through university. The students who are part of the team may suggest requirements and required support which will be mobilized by university authority.

6. While a central team will be constituted to look after the task step by step the teams at various college levels may work with micro assignments as their academic or hobby projects. College authorities of respective institutes will facilitate this process via their existing infrastructure.

7. Various competitions do not mandate a college and its affiliating university to participate separately in same edition of same competition. In some cases even the university team is not encouraged but individual colleges are encouraged to participate. A college will be a part of a consortium of specific competition if it agrees by nominating their students as a part of university team than that nominated students cannot participate in alternative team individually . However in some more competition if the college send its own team to participate for that event or that project, that particular college will be a part of the consortium for that competition but students must be different in both the teams .

8. The MOA will stand valid for particular ROBOCON 2016 . It can be renewed every season by submitting a letter to suitable authority at university with due sign from college authority.

9. University want to make this project a huge co-creation based Robotic technology development. GTU Robo Research Group and other initiatives of GTU will facilitate workshops for ideation, design, Technology Development and mentoring as suggested and co-ordinated by the university team participating for the Event. This will ensure huge number of students of related branches participate in this huge co-creation . The Institutes/Students which may not be the part of MOA may wish to contribute in this decentralized development process and that will be welcomed.

10. For any possible dialogues to enhance the mutual co-operation between the college teams will be appreciated to be channelized by bringing the University team or its advisors/Mentors/Competent authorities in confidence.

11. The colleges contribution to this massive mission and their respective departments, guides and students at various stages having significant contribution will be felicitated during GTU Innovation Sankul day and/or suitable occasions. The advisory team will benchmark the innovative contribution of all the departments being a part of MOA or others and recommend for appreciation at university level.

12. University will take care of the entire cost and facilitate the process supervised by suitable authority.

13. The college will nominate the faculty related to workshop or the laboratory/s which are going to be used occasionally in decentralized mode as the nominated contact person for general communication who will be in touch with university team for any support or suggestions.

14. Though this MOA has been designed for GTU ROBOCON 2016 TEAM which is going to be held at MIT , Pune in March 2016 similar MOA's can be designed and signed for other such competitions as per the advice of the chairperson of the consortium.

Hereby we agree to sign the above MOA to facilitate the desired cause with noble Academic intention.

Nominated Faculty | Principal | Trustee (if Any)