

Program for the CIT delegation (24th April to 30th April)

Meeting with the leadership (Rector, Dean ...) at Bergen University College (BUC)

09.00 – 12.00 - 'Get to know each other' (Presentation of Engineering profiles at BUC, CIT and discussions) Dean, Institute leaders, delegation (Styrerom, A blokk)

Delegation started with the meeting of two top level managements teams together, Coimbatore Institute of Technology (CIT) was represented by Dr. S.R.K Prasad, Chairman, Dr Vellapan Selladurai, Principal, Dr Rajesh Ranganathan, Associate Professor, Dr Gamini Bandara, President, GB Simulation, UK, Mr Sivakumar, Chief Technology Officer, Kasbha Systems. While, Bergen University College (BUC) was represented by Ole Gunnar Sognen, Rector, Dean Prof. Geir Anton Johansen, Prof. Dhayalan Velauthapillai, head of the collaborative program between BUC and CIT, Dr. Kristin Fanebust, Head of the Department, Elin Kvaale, Head of the International Secretariat, BUC, Dr. Kari Marvik, Prseident, CMR Science and Technology, Dr. Bernt Skeie, CEO, CMR Prototech., Nils-Ottar Antonsen, Head of the Department, Dr. Hassan Momeni, Prof. Stig-Erik Jakobsen, Head of the Senter of Innovation, BUC



Ole Gunnar Sognen, Rector welcoming the team of Coimbatore Institute of Technology (CIT) outlined the activities of Bergen University College (BUC). As this meeting was instituted by HoD's of various streams, each HoD exhibited their knowledge expertise and their academic capabilities in both the courses that they conduct and their research capabilities.

Following the presentation of BUC, CIT provided a detailed presentation about their courses, capabilities, achievements and research focus.

The outcome of this meeting was both the partners understood each of their strengths and the potential arena's of possible collaborations. With some of the departments and areas demanded further indepth details, further meetings were planned for the following days to explore in detail for further research potential and knowledge transfer capabilities.

13.00-15.00 - Discussion on P.R. Ramakrishnan Academy for Global Innovation (B514)

With CIT bringing an unique thought on framing up the "P.R. Ramakrishnan Academy for Global Innovation". A high level meeting was conducted with some of the critical-decision makers of both BUC and CIT. Chairman of CIT, Dr Prasad presented his thoughts of bringing up the academy

with BUC as one of the potential partners. This meeting constituted of delegates of CIT along with members of BUC.

Day 2 Wednesday, 27th April 2016 -

KL 10 - 12 Discussion on IT related innovation technologies

With IT playing a major role in current technological development a discussion constituting of CIT team and the research group at the department of Computing, Mathematics and Physics consisting of the åvard Helstrup, Dean for Research, Dr. Kristin Fanebust, Head of the Department, Professor Dhayalan Velauthapillai and IT specialists at BUC Prof. Yngve Lamo, Prof. Lars Kristensen, Prof. Talal Rahman, Prof. Terje Kristensen, Dr. Carsten Helgesen, Per Thorvaldsen, Head of the Institute of Electro, Dr. Constanza, Dr. Pål Ellingsen was conducted. Much of the discussion was towards the application of IT in healthcare technology. Representatives of BUC and Kasbha Systems shared their expertise such that it would open up the realms of collaboration. The outcome of this meeting highlighted two of the possible areas of of collaboration between CIT, BUC and industrial partner Kasbha Systems.

As the team members found quite promising areas the discussion extended for a working lunch such that both the parties can extend their discussions.





13:00 – 15:00 Meeting with Dr. Hassan Momeni, Department of Mechanical Engineering and Marine Engineering.

Additive manufacturing, one of the possible areas of research based collaboration between BUC and CIT brought about this meeting. Both the experts of BUC and CIT had a discussion in exploring the possible areas of collaboration. As an outcome some of the design and analysis based areas of additive manufacturing focusing towards new product development is found to be the focus of collaboration. Further it was decided to have a common research student between both the institutions as a way forward.

Dr Hassan Momeni, as an extension of this meeting expressed the potential of mechanical engineering department. Took the delegates of CIT, to various research laboratories and facilities of BUC within Mechanical Engineering.

As the saying goes “Whom you know is essential than what you know” understanding the importance of networking both the institutions had a networking dinner. The dinner was hosted by BUC for CIT at one of the famous Norwegian Restaurant Bryggeslottet.



Dinner photos to be inserted

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19.00 Dinner with the leadership

Day 3 Thursday, 27th April 2016

Day 3 started with a drive through the beautiful sightseeing location of Bergen, CIT delegation team was accompanied by Dean, Prof Geir Anton and Prof, Dhayalan Velauthapillai.

The team visited GCE Subsea and Gisle Nondal, R&D Manager gave a detailed outline about the potential capabilities of GCE. With CIT represented their areas of focus in deep sea drilling and simulation and modeling. This was followed by a further visit to Aker Solutions in Agotnes.

Svein Rune Ellingsen, Senior Manager Business Development, Aker Solutions hosted the delegation he expressed the team about the “know how’s” of Aker Solutions. A detailed tour was taken by the team to various production and testing facilities of Aker Solution. The team was given a detailed description about the “Christmas Tree” which was involved in deepsea oil extraction.



Following the industrial meeting the team took their way back to BUC and had an interactive discussion with the ICT research team which was headed by Prof. Yngve Lamo. He and his research team projected some of their current research activities. This was followed by CIT sharing their expertise in healthcare technologies. The outcome of the meeting was that it was decided to work in two potential areas within the IT driven health care arena.

Insert photo by murugesh

Day 4 Friday, 29th - Local visits to industry and UiB

Discussion with Stem cell research group at Haukeland University Hospital

The day started with the visit to University of Bergen, Centre for Clinical Dental Research. The meeting was hosted by Dr Kamal B. El Noor Mustafa, Group head of Centre for Clinical Dental Research. Dr Kamal presented the focus of his research and gave some leads for possible collaboration. Following the presentation of Dr Kamal, Dr Rajesh outline some of his research areas, showed the possible areas where both healthcare and additive manufacturing can blend together.



This research discussion, have straightly opened up three possible areas of collaboration between the two groups. Further it was decided to have an student exchange program focusing at the PhD level towards new product development and supporting health care activities.

12:00 – 13:00 - Meeting with the international office

CIT delegation team along with Prof, Dhayalan Velauthapillai and international office representation Elin Kvaale, Head of International Office at HiB. Had their discussion towards applications and processing and way forward in moving further this collaborative research work. During this meeting the possible exploration of CIT and BUC in various fields were put forth and it was decided to work on application processing. The outcome of the meeting was to further establish co-operation between two institutes towards various progams and undergo student mobility.



This was further followed by a meeting with the representatives from Norwegian Center for International Education. The discussion was towards further enhancement of the research and seeking for funding opportunities.



14:00 – 15:00 visit to CMR Prototech

CIT delegates along with Prof, Dhayalan Velauthapillai visited CMR, where the visit was hosted by Camilla Saetre, Department Manager. CMR presented some of their unique works in energy, space research, manufacturing etc. This was followed by a visit to CMR's unique manufacturing facility.



The delegation winded off their week schedule at BUC and departed by 30th April 2016. Both the parties decided to undergo their documentation and proceed further in bringing up the discussions towards action.

Saturday, 30th - Departure