

programmes. He stated that over the last year major exercise were undertaken wrt MSc(ESRM), MSc (PBT), MTech(REEM) and MSc(CSP) to modify the syllabus by carrying out analysis in which the inputs from all stakeholders were taken and very well documented. Members wanted to know as to how research fed teaching practiced by TERI SAS were integrated in the curriculum and also how TERI's research as well as PhD/Master's level research was brought in as case studies in our teaching. Dr Prateek explained that discussions were held with colleagues of TERI and one of the outcomes of this interactions had been that the case study material would be used for teaching and synergy had to be maintained between faculty members and professional of TERI. The Chair suggested that efforts be made to get the TERI research/project reports to the TERI SAS library which could be referred by faculty members. Dr Arun, Dean (Research & Relationship) stated that departments should dedicate one board of studies meeting to discuss and capture research works emanating inhouse or from outside agency which could be framed as case studies. The Chair suggested that professionals from TERI could be included in advisory capacity in an exclusive meeting of the Board of Studies dedicated for analysis on research integration and formulation of case studies. Dr Leena urged the management dept to develop a template for case studies which could be a standardized format of how case study should look like. Dr Nandan intimated that in the MSc(Economics) programme students were being tasked to submit a brief working paper along with their Master's thesis so that the briefs could be used to prepare a data base. Dr Jain intimated that the in DEE a number of cases had been captured from master's thesis which were actually part of course curriculum.

TS/PMB 8.2.1 The PMB resolved to recommend the following: -

- (i) One meeting of Board of Studies be dedicated for analysis of research work and integration of the same to curriculum.
- (ii) Library to create a database of all research carried out internally and other research papers received from TERI .
- (iii) Structured feedback from students, teachers, employers and alumni are to be obtained for design and review of curriculum.

Item No 3. Information on Signing of MoUs. The Registrar informed that since the last meeting about 10 MoUs had been signed by the University and presented the list of MoUs placed at Annesure. Dr Nandan stated that most of the Universities had a particular division called international collaboration which had a faculty member in-charge and TERI SAS might consider setting up similar kind of setup to effectively follow up the MoUs. The VC stated that TERI SAS had specific coordinator for each of the MoUs and the MoUs were being steered by these faculty members.

The PMB noted the matter.

Item No 4. To discuss on the development and growth of TERI School of Advanced Studies so far. Dr Rajiv Seth briefed the members about the development and growth of the institution. He mentioned that the recognition of the institution as deemed university dated back to 1999 and the Masters programmes were commenced in 2003 with launching of MSc in Environmental Studies and Natural Resources Management which initially had 19 students. He informed that subsequently in the year 2004, the MSc(Water Resources Management) programme was launched and in 2006 MBA Regulatory studies programme was launched which was later rechristened as MBA (Infrastructure). He informed that in year 2008 TERISAS started the MSc(Geoinformatics) and MSc(Plant Biotechnology) programmes at the Vasant Kunj campus which also saw increase of students from 200 to 400 in that one year, further, in year 2009 MSc(CSP), MSc(Economics), MTech(REEM) and MBA(Business Sustainability) programmes were started and by AY 2008 -09 the university had around 600 students. Dr Seth intimated that in year 2012, the distance education programme were approved by the DEC, in year 2013 M.Tech (Urban Development Management) Programme was launched, in 2014 the University started the MTech (Water Resources Management) programme and the latest programme to be introduced was the LLM programme in 2017. He stated that international collaborations started very early and in 2003 the University signed the first MOU with Monash University, Australia and in 2007 a MoU was signed with Yale University, which ensured a funding support for eight years. Dr Seth stated that in 2008, the University signed an MoU with Freie University, Berlin which worked very well because it facilitated the *passage to India* and ERASMUS exchange programmes. With respect to funding of the institution he stated that, the financing of the University was not too bad in the first two years as the institution was dependent on TERI for negative cash flow but from 2005 onwards the University stabilized financially and could build a corpus from 0 to about 12 crores last year. As regards to faculty, he stated that the University started with 3 faculty members in 2003 and when the campus moved to Vasant kunj the number was 14 and by 2017 it grew upto 52. He stated in the early years when the University didn't have capacities it was very dependent on TERI and the areas and divisions of TERI were being used as center of excellence in the university, however the centers have been gradually done away with and only the Centre of Post Graduate Legal studies along with six other departments were operational as of now.

The PMB Noted the matter.

Item No 5. To Discuss the next Five-Year Plan of TERISAS. Dr Leena Srivastava stated that members might have been familiar with the MacArthur Foundation proposal which had two parts; the physical part of it being the expansion of the campuses i.e. setting up new campuses at Hyderabad and Guwahati and the other part was programme content point of view. She explained that from campus point of view in the last year and a half a lot of work had been done and efforts had been put in place to provide titular rights to the campuses in Hyderabad and Guwahati and to

look at funding for these campuses. She stated that a loan of 30 crores had been sanctioned from HDFC which would be used for setting up the Hyderabad campus and for this purpose from surety point of view the Governing Council of TERI's approval had been obtained to mortgage the land at Vasant Kunj campus. She informed the members that, construction had started in Hyderabad from July onwards and the target was to complete it by December 2018 and UGC approval for running programmes would be made available once the infrastructure as well as the faculty were in place. She hoped that the arrangement with EPTRI,, Hyderabad would facilitate local faculty to start offering PHD programmes where students would do research with EPTRI faculty. She stated that developing Guwahati land had been more challenging as the land happened to be flood prone and mud filling work undertaken was not successful; further, a second phase funding depended on what was done in this particular phase, hence special focus was extended to the project.

On the programme side, she stated that the University had not succeeded in getting any major funding although there were at least 5-6 discussions that were ongoing at different stages. She stated that in the meanwhile university faculty had started working in a few areas and one of them being environmental health around which PHD programmes could be offered and there were also ideas to set up policy labs and the reason for starting with these small scale experiments was to build an institutional CV with which we were able to approach funders with list of proposals rather than go with a completely clean slate. She mentioned that the University wanted to have some core competency that should be available within the institute for all our students irrespective of the programme that they are on because all of these competencies really have application that could really be broad based like big data analytics for promoting sustainability and behavior studies. She stated that apart from this, the University was also trying to see how to increase the visibility by running a few major events like the agribusiness conference and urban geoinformatics which got tremendous response, in addition the University was planning to hold a climate jamboree in November 2018 which would be a three-day event with about 10000 students participating in the event. She stated that the event would be combination of lectures at the very macro level from some of the best known people in the world especially climate change and sustainable development and a set of other events. She mentioned that increasing visibility and establishing as an institute that was working on sustainability subjects was critically important because there were number of other institutions that were beginning to come up and beginning to offer programmes in same space in which the University was currently working.

The PMB noted the matter.

There being no other items for discussion the meeting was adjourned.

Sd/
Capt Pradeep Kumar Padhy (retd.)
Registrar

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