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Editorial Team

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College to Career Prorgam

INTRODUCTION & BACKGROUND

Gujarat Government along with Microsoft and TCS has announced a College to Career Program through EDUSAT "વંદે ગુજરાત" in the presence of hon'ble Chief Minister Shri Narendrabhai Modi.

With a view to provide the State-of-the-art "Software Development Training" under the above program through BISAG SATCOM facility to the students of various Engineering/MCA Colleges in the State, the Government of Gujarat (Department of Education and Department of Science and Technology) took an initiative for a collaboration with the following leading agencies:

1. M/s. Microsoft Corporation Ltd.
2. M/s. Tata Consultancy Services (TCS).

To formulate a program, a Workshop was organized during July 2006, at the GCERT, Gandhinagar under the Chairmanship of Shri P. Paneervel, IAS Principal Secretary, Education Department. Shri Rajiv Gupta, IAS, Commissioner, Technical Education and Shri Raj Kumar, IAS, Secretary Department of

Science and Technology also guided the deliberations. Principals and faculty members from various colleges participated. TCS and Microsoft gave detailed presentation. BISAG SATCOM facility was demonstrated to participants. Various aspects were discussed. A committee of five Principals along with GIL officials was constituted to finalize the program.

The Committee suggested that initially a Pilot project should be carried out at least in five colleges to test the system. It was also decided that feedback from the students should also be taken. Accordingly, various Institutes were approached and the receiving network systems were established to link the colleges through DTH. A pilot project was run on September 4, 2006. 10 colleges/institutes participated in the same. About 1200 students attended the lectures.

During interactions almost every college/institute appreciated this idea of providing State-of-the-art knowledge through SATCOM. Accordingly, remaining institutes were approached for establishment of receiving systems. Up to now about 27 colleges/institutes have confirmed the establishment. They have started receiving the transmission of our programs.

To start this mechanism a Registration process has been established. Colleges/Institutes are registering the students. Average registration per college/institute is about 150-200 students. Now the program envisages the following:

- *Lectures by the Experts of TCS/Microsoft on SATCOM.*
- *Live Question Hour through Phone, Fax and e-mail.*
- *Practical in the laboratories of the college/institutes.*
- *Off-line interactions through e-mail.*

- *Repeat transmission of these programs on rest of the days (to take care of the students who may miss a particular session).*
- *Interaction session on designated days.*
- *On-line test.*
- *Certification by M/s. TCS and Microsoft.*

Every college has identified a Co-ordinator, through whom interaction is being made. Is being done periodically by the Department of Education and Department of Science and Technology and over all co-ordination is being done under the guidance of the Managing Director, GIL.

Mode of executing program: BISAG's SATCOM channels.

Question / Answer: Phone, Fax, e-mail. Offline: e-mail

Areas Covered: Java Technology & .Net Technology

Benefits

- Industry Institute interaction has helped in harmonizing the requirement of industry and the study end at the Institute.
- Employability of the participating students is increased manifold.
- Over a time the availability of human resources in this area may also help in bringing investments in IT sector.
- Faculty is also be benefited.

Logistics

Deliverables from TCS & Microsoft:

- Microsoft & TCS has focused on improving the technical skills of the students. To achieve this, Microsoft & TCS have designed a capsule course on .NET technology and SDLC-Core Java Technology respectively. The instructor has shared theoretical concepts but more emphasis is placed on sharing relevant experiences so that students are exposed to real life scenarios.

- Microsoft & TCS has also conducted an orientation session for soft skills along with these technical sessions. This session helps students in improving their soft skills. The session covers aspects such as soft skills, communication skills and inputs on facing the interview.

- Microsoft & TCS has provided one set of training material to the Government of Gujarat for distribution among the participants of this training programme. GoG has made multiple copies for circulation.

- Microsoft & TCS have provided concern instructors for delivering these programmes at BISAG through SATCOM.

- At the end of this training programme, Microsoft & TCS have conducted an online test through a third party and will award Microsoft-Government of Gujarat and Tata Consultancy Services-Government of Gujarat co branded certificates respectively to the successful participants of this training programme.

- Apart from conducting technical and soft skills sessions, TCS will also study the syllabus for Computer Science (CS) courses of the select university, and provide suggestions to align it with current IT industry requirements.

- The first program (Batch-1) has been conducted on an experimentation basis. Looking at the success and favourable response for Batch-1, Microsoft & TCS has started Batch-2 for the benefit of both students and faculty members in consultation with Government of Gujarat.

- Microsoft has helped organize discounts on Microsoft Certification exams for a limited period to all the students who pass the test. The top 900 students has been able to work on the Project. Students of the same college will be grouped together and will work as a team on the Project. The top 10 Students will be offered a chance to be a part of the Microsoft Student Partner Program.

- Microsoft has created an online web portal for Students to register and work on their Projects. The progress of the Project will be tracked online and Students will be scored at different stages both by the coordinators from the college and Microsoft.

Deliverables from Gujarat Government:

- The Gujarat Government is spreading awareness about the College to Career Programme through print and electronic media, and ensured participation from all the reputed engineering/MCA colleges in the state.

- GOG hosts and manages College to Career website/web gallery on its IT infrastructure. This website (http://gujaratinformatics.com/c2c/index.htm) contains information about the joint initiative, registration form and details, course outline, location related details.

- GOG is inviting nominations/registration forms from students along with course coordinators from all colleges (one course co-ordinator per .NET per college & one course co-ordinator per JAVA course per college).

- GOG has secured multiple copies of the training material provided by Microsoft & TCS, and distributed to participated colleges

- GoG has provided the BISAG facility in Gandhinagar to conduct the programmes free of cost. The Gujarat Government has ensured that the BISAG centre is equipped with all the necessary equipments to broadcast the lectures, and colleges are equipped with all the necessary equipments to receive the lectures..

- GOG and colleges have organised/provided for the hardware and software requirements in labs, studio and receiving centres.

- GOG has ensured through participating colleges that all participants get computers in the IT lab to do the practical sessions during weekdays all throughout the programme.

⊕ GOG has provided through participating colleges for the IT infrastructure needed to conduct the online tests for both JAVA and .NET. If due to some reason screening and final tests are not possible online, GOG will send the hard copies of the tests to different colleges, get these tests administered and checked through course coordinators, and bear all the related expenses.

Execution Methodology

⊕ Batch-1 registration was started in October, 2006. All colleges had submitted registration forms along with fees.

⊕ A webpage gallery (http://www.gujaratinformatics.com/c2c/index.htm) is created to provide various information like Training Schedule, announcements, assignments, training materials etc related to C2C program

⊕ Various lectures were conducted on .NET and JAVA technologies through SATCOM facility available at BSIAG.

⊕ Regular assignments were provided to all students on e-mail as well as on website.

⊕ Apart from technical lectures various softskill and motivational lectures were conducted for students and faculties of engineering and MCA colleges of Gujarat State.

⊕ Creation and distribution of sets of 51 CDs containing recorded lectures/sessions to all participating colleges to help out students who have missed the lectures. Distribution of .NET materials & software CDs to each registered student.

⊕ Online Examination of batch-1 was taken on 1st-2nd-3rd Feb – 2007 for JAVA and .NET at respective college centre. Various guidelines for examination were distributed to all participating colleges for Batch-1 Examination.

⊕ Helpdesk was created during the examination for both JAVA and .NET.

⊕ Result of batch-1 is announced and available on website as mentioned above.

- **Inauguration of Batch-2 was done on February 9, 2007.**
- **Student coordinators are identified for batch-2 from each participating college.**
- **Workshop on .NET Technology for faculties/coordinators was organized on 1st – 2nd -3rd March – 2007 at G. H. Patel PG department of Computer Studies, Vallabh Vidhyanagar (VVN). 65 faculties had participated in this Training workshop. Experts from Microsoft had imparted hands on Training on .NET Technology. Experts from Industry and Academia had also invited for soft skills and motivation lectures.**

Statistics

- **Status of Batch-1:**

  Total number of participating colleges: **36**

  Total number of participating universities: **8**

  Total number of registration in JAVA: **1390**

  Total number of registration in .NET: **1159**

  Total Student Registered: **2549**

- **Status of Batch-2:**

  Total number of participating colleges: **44**

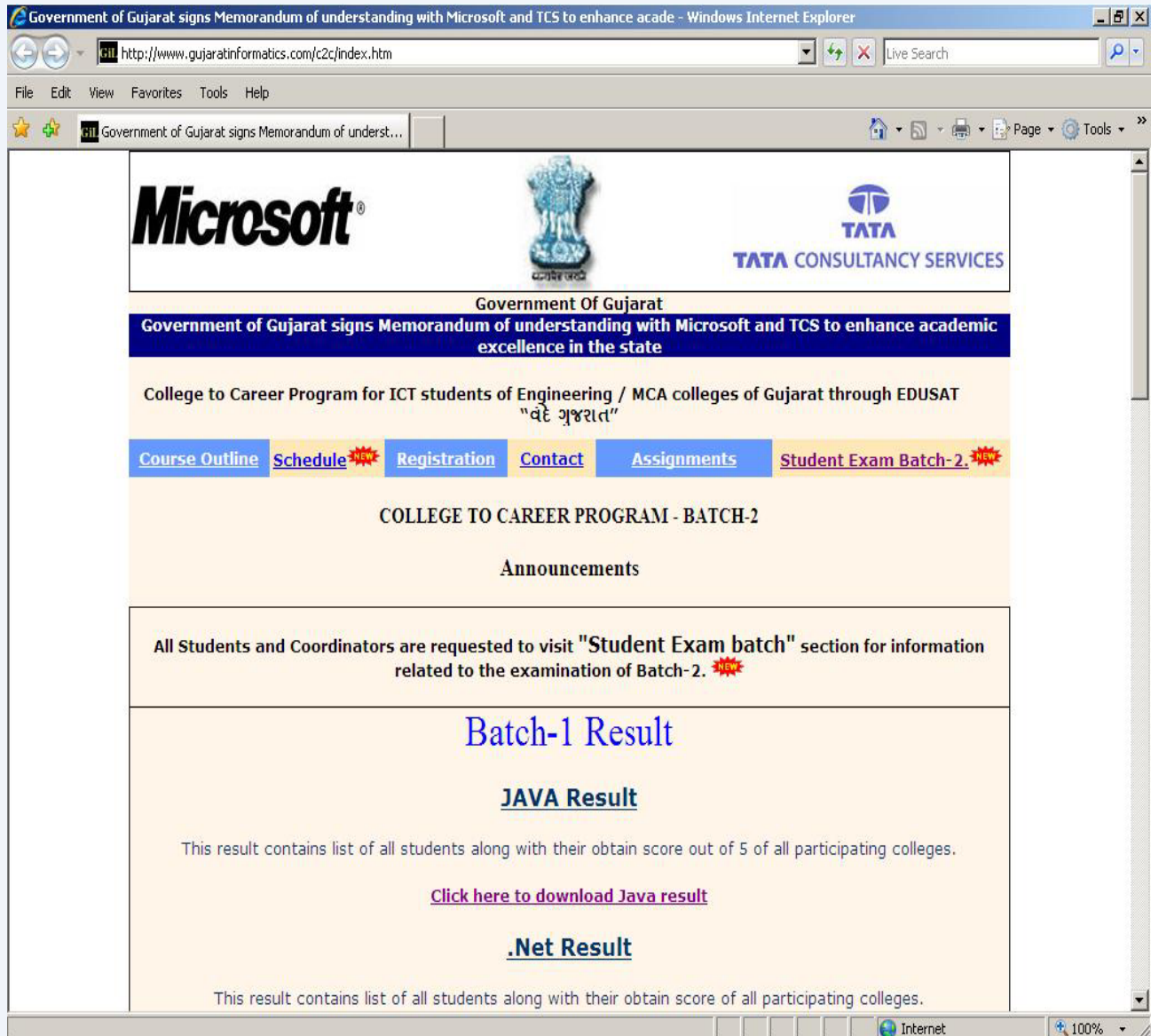 Total number of participating universities: **8**

  Total number of registration in JAVA: **1728**

  Total number of registration in .NET: **2120**

  Total Student Registered: **3848**

Screenshots & Photos

College to Career Programme Home page: (www.gujaratinformatics.com/c2c/index.htm)

⊹ Inauguration of College to Career program:

Inauguration of College to Career program:

CCC+ Training at Centre of Excellence

CCC+ training is being carried at Centre of Excellence as per GR (PRCH-102005-1532-K dated 30/9/2006) issued by General Administration Department. As of now 8 batches from various government Departments has been completed and 8 direct . Duration of Training is 12 full days (75 Hrs) as per mentioned in GR. Examination is being taken by SPIPA at the end of Training.

Status (As on April 23, 2007) for the same is as follows:

(1).

Center Of Excellence - GIL, Gandhinagar							
CCC+ Exam Detail Of Candidates Taken Training at GIL							
Batch no	No.of candidates	Start date	finish date	Exam date	No. Of Candidates Passed	No.Of Candidates Failed	No. Of Candidates Abs
Batch-1	29	13/11/06	24/11/06	25/11/06	24	5	
Batch-2	29	27/11/06	11/12/06	12/12/06	24	5	
Batch-3	29	14/12/06	29/12/06	30/12/06	25	4	
Batch-4	25	03/01/2007	17/01/07	22/01/07	16	9	
Batch-5	30	23/01/07	09/02/2007	13/02/07	19	11	
Batch-6	28	15/02/07	03/03/2007	05/03/2007	26	2	
Batch-7	30	07/03/2007	22/03/07	23/03/07	30	0	0
Batch-8	30	29/3/07	18/04/07	20/04/07	Result Awaiting		
Total	230				164	36	0

(2).

Center Of Excellence - GIL, Gandhinagar					
Direct Batch Exam Detail for CCC+ sent by SPIPA					
Batch no	Exam date	No. Of Candidates Passed	No.Of Candidates Failed	Repeaters	Total Candidates
Batch-1	13/12/06	15	2	3	20
Batch-2	02/01/2007	20	9	1	30
Batch-3	20/01/07	23	9	-	32
Batch-4	29/01/07	13	9	2	24
Batch-5	14/02/07	23	9	-	32
Batch-6	06/03/2007	23	7	-	30
Batch-7	28/03/07	14	15	1	30
Batch-8	30/03/07	25	6	2	33
Total		156	66	9	231

Web Corner

College to Career programme

http://gujaratinformatics.com/c2c/index.htm

Krishi – Mahotsav - 2007

http://www.km.guj.nic.in

Nirmal Gujarat - 2007

http://www.nirmalgujarat.org

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