

Baba Banda Singh Bahadur Engineering College,

Fatehgarh Sahib

Action Taken Report on Curriculum Related Feedback

Academic year 2014-2015

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Curriculum related feedback process

- The Institute has a feedback system in place for continuous evaluation and improvement of curriculum.
- Feedback regarding curriculum is obtained from various stake-holders viz. students, teachers, parents and alumni.
- The collective feedback of all the stakeholders is analyzed and summarized by each department. The information is then submitted to the Dean Academics.
- The Dean Academics consolidates the reports and drafts a set of recommendations based on the feedback.
- These recommendations are deliberated in a meeting of the Principal with various Deans and Heads of departments and the final action plan is prepared. The action plan is communicated to all the departments for necessary action.

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib

Summary of the curriculum related feedback received from various stakeholders and recommendations/suggestions in light of the feedback

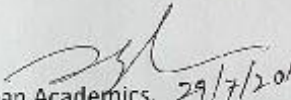
Academic year: 2014-2015

Dated: 29th July 2015

Based on the curriculum related feedback received from various stake holders, some departments have identified the need to organize special courses/workshops to supplement the curriculum and have made some recommendations in this regard which are listed below:

- a) Department of Mechanical Engineering plans to organize a National Conference on "Advances in Mechanical, Industrial and Materials Engineering" and a workshop on "Solidworks" in the upcoming semester.
- b) Electrical Engineering Department has proposed to arrange PDP program for the students. The department also plans to organize a workshop to aware the students.
- c) It was felt that there is a need to continuously make the efforts for overall personality development of the students in addition with the academic courses. It was suggested by various departments and training and placement cell to add some personality development courses for the above said purpose.

The suggestions have been found suitable and recommended for deliberations in next higher forum and approval from BOG.


Dean Academics, 29/7/2015
Baba Banda Singh Bahadur Engineering College,
Fatehgarh Sahib.

Training program on SOLIDWORKS for final year students

(18.04.2016 to 22.04.2016)

SOLIDWORKS workshop schedule

(Timing: 8:30am to 12:30pm and 01:30 pm to 4:30pm. Lunch: 12:30pm to 01:30pm)

Day	Description of topic to be covered with exercise
Day 1	Introduction to Computer Aided Design and Manufacturing. Creating Sketches in the Sketch Mode: Drawing a sketch using the sketcher tools toolbar
Day 2	Dimensioning the sketch, Working with constraints. Modifying dimensions of a sketch, Deleting, trimming, chamfering, filleting and mirroring the sketched entities <u>Creating Base Features:</u> Invoking the part model, Creating a protrusion, Understanding the orientation of datum planes.
Day 3	<u>Datum:</u> Need for datum in modeling, Datum options. <u>Options Aiding Construction of Part Model:</u> Creating holes, Creating rounds, Creating chamfers on part model, Creating ribs, Creating feature patterns, Copying and mirroring a geometry.
Day 4	<u>Advance Modeling:</u> Sweep features, Blend features, Sweep blend feature, Shell option <u>Generating, Editing and Modifying the Drawing Views:</u> Generating drawing views, Editing drawing views, Modifying drawing views, Dimensioning drawing views.
Day 5	<u>Assembly Modeling:</u> Placement constraints, Assembling the components, The bill of material, Simulation modeling and Analysis

Venue: CAD/CAM Labs, Mechanical Engineering Department, BBSBEC, Fatehgarh Sahib.

Contact: The Head of department, Mechanical Engineering, BBSBEC, Fatehgarh Sahib.

Mobile: 91-9814744303.

Professor & Head
Deptt. of Mechanical Engg.
B.B.S.B. Engineering Coller
Fatehgarh Sahib

1. One Day Workshop on Programmable Logic Controllers (PLC) on 18 February, 2016

A One Day Workshop on Programmable Logic Controllers (PLC) was organised by Electrical Dept. of BBSBEC, Fatehgarh Sahib on 18 February, 2016. Mr. Jaskaran Singh, Representative of WONDER AUTOMATIONS has delivered the Lecture and demonstrated some of the PLC based projects. The demonstration to students included both hardware and software description. The basics of PLC Programming Language were also explained by the team of WONDER AUTOMATIONS. The workshop was headed by Dr. Gursewak Singh Brar, HOD, EED.



Industrial visit on 13-01-2016

Department of EE had started the in house software training First Time In AUTOCAD for 8th Semester EE. In which approx 90 students participated and learnt about the basics of **AUTOCAD** module and students also visited the Industry ETE Electrogears Pvt. Ltd. C-30, Industrial Focal Point, Derabassi, on 13-01-2016 for the upliftment of the practical knowledge and implementation of the software in the industry.





BBSBEC SINGH BAHADUR ENGINEERING COLLEGE

Approved by AICTE, Govt. of Punjab, Affiliated to PTU
(Courses Accredited by NBA (AICTE) and IE(I))

Maj. Gen. (Dr) G.S. Lamba, VSM (Retd.)
Principal



Ref. No. BBSBEC/TPCELL/765B

Date 24/07/2015

Work Order

Trinitri Centre for Learning,
SCO 39, Sector 31-D, Chandigarh

Subject: Repeat order for Personality development Programme for 2012, 2013, 2014 Batch students

Dear Sir

With reference to the previous order dated 22/1/15 reference no. BBSBEC/T&PCell/2559B, we are hereby pleased to place the repeat order for the following as per the details given below:

Description of the Item	Number of Students	Amount
Training for 25 Hours for 3 rd semester (2014 Batch), 5 th semester (2013 batch) & 7 th semester (2012 Batch) students	3 rd sem = 284 students 5 th sem = 344 students 7 th sem = 296 students Total = 924 students	Rs. 800 per student (Excluding service Tax)
	Total Amount + Service Tax (14%)	Rs 7,39,200 Rs 1,03,488 Rs 8,42,688 ✓ In Words: Eight Lacs Forty Two Thousand Six Hundred Eighty Eight

Terms and Conditions

1	Training Venue	College Campus
2	Infrastructure	Provided by College
3	Payment	Will be done at the end of the course
4	Payment	Will be done in the favour of "TRINITI Center for Learning"

Please execute the order as early as possible

Regards,

Principal

CHANDIGARH ROAD, FATEHGARH SAHIB - 140 407 PUNJAB (INDIA)

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REPORT ON NATIONAL CONFERENCE

Department of Mechanical Engineering of BBSBEC, Fatehgarh Sahib organized a national level conference AMIME-2015 on 6-7 November, 2015. A total of 80 papers were received from different states, out of which 58 were selected after peer review. Out of these 45 delegates presented their work. The conference focused on the recent advancements in Mechanical, Industrial and Materials Engineering. The presentations were made in five sessions over a period of two days.

The chief guest and keynote speaker of the inaugural session, Dr. R.K. Garg, Professor & Head, Deptt. of Mechanical Engineering, Dr. B.R. Ambedkar NIT Jalandhar emphasized on the importance of multidisciplinary research. He stressed on the need of the development of high strength, light and economical material for human implants. The audience was enthralled by his presentation.

Worthy principal Major General (Dr.) G.S. Lamba shared his views regarding the importance of such events for the academic growth and acknowledged the benign presence of the distinguished guests and appreciated the zeal of the organizers.

Dr. Harpreet Singh from IIT, Ropar discussed the various aspects of the problem of high erosion of turbine blades due to presence of harmful erodents in the water. According to him, the use of thermal spray coatings on the turbine blade materials can reduce the slurry erosion occurring in the blades of hydraulic turbines.

In the first technical session, papers were presented regarding the advances in materials. The second session focused on discussions on various aspects of surface machining and manufacturing practices. In third and fourth technical sessions, design and fabrication techniques were discussed in detail. In fifth session, work on the use of nano-particles as reinforcement in the fabrication of composites was presented by delegates.

Different sessions were chaired by Dr. S.S. Jolly, Dr. V.K. Singla, Dr. I.P.S. Ahuja, Dr. Balkrishan from renowned institutions of the state.

Dr. Sehijpal Singh, Professor & Head, Department of Mechanical Engineering, GNDEC, Ludhiana chief guest of the valedictory session deliberated on the post processing of dies and moulds. He discussed the various non-traditional finishing and polishing processes for enhancing the quality of the various components.

Major General (Dr.) G.S. Lamba worthy principal and patron of the conference expressed his congratulations to the sincere and consistent hard work put in by respective department staff members and the students which made this conference a great success.

Dr. Lakhvir Singh, Chairman of the conference conveyed his heartiest thanks to all the dignitaries, delegates, young researchers, organizers and college staff members for their efforts and participation in making the conference a remarkable journey which came to an end with fruitful gains to the like-minded engineering community.