

Dhanekula Institute of Engineering & Technology

(Approved by AICTE New Delhi Affiliated to JNTU Kakinada)

An ISO 9001 - 2008 Certified Institution

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COLLEGE ACADEMIC COUNCIL - MINUTES OF MEETING

Date:02-06-2014

Venue: Principal's Room

Time: 10.00 AM

Agenda:

1. Finalization of academic process calendar for IV Year B.Tech I semester, academic Year 2014-15
2. Finalization of POs for the running programs.
3. Review and finalization of Skill Development Programs / certification courses/workshops/Guest lectures/Resources by Adjunct Faculty/ value added courses etc. for the academic year 2014-15.

Members Present:

Signature

1. Dr. Kadiyala Ravi
2. Dr. P Siva Prasad
3. Mr. I Sai Ram
4. Mr. O Srikanth
5. Dr. G L Madhumathi
6. Dr. B Srinivasa Rao
7. Dr. G Devendra Raja
8. Mr. J Surendra
9. Mr. N Ashok
10. Mr. Ch Renu Sekhar

(Handwritten signatures in blue ink corresponding to the list of members present)

Proceedings:

1. Examinations coordinator has presented the academic process calendar which was prepared in consideration of JNTUK academic calendar.
2. Head of Departments unanimously requested that PO's mentioned in the NBA manual shall be considered as program outcomes for all the running courses.
3. Head of the departments has presented list of additional courses to be considered for the academic year 2014-15.

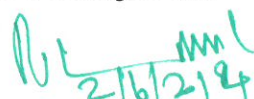
Resolutions:

1. Academic process calendar for IV Year B.Tech I semester, academic Year 2014-15 has been finalized and approved copy is signed by the principal for circulation to all the departments and copy to website.
2. Program outcomes finalized in all the departments for undergraduate programs as below:
 1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.



2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching sustained conclusions using first principles of mathematics, natural sciences, and engineering sciences.
 3. **Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or process that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
 4. **Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
 5. **Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
 6. **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
 7. **Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
 8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
 9. **Individual and Team Work:** Function effectively as an individual, and as a member or a leader in diverse teams, and in multidisciplinary settings.
 10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
 11. **Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
 12. **Life- Long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life- long learning in broadest context of technological change.
3. New courses added for the academic year 2014-15 along with the availability of the resources were thoroughly discussed and approved as per the list enclosed.
 4. Skill development and value added courses as proposed by the Head of the Departments were finalized to offer in the current academic year mostly during the working hours.

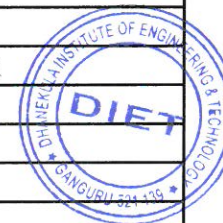



 2/6/2014
 Chairman
 College Academic Council
 Dhanekula Institute of Engineering and Technology
 Ganguru, VIJAYAWADA-521 139

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
GANGURU: VIJAYAWADA – 521 139
LIST OF NEW COURSES INTRODUCED

Academic Year : 2014-2015

SNO	Program	Year/Sem	Course Code	Course Name
1	B.Tech in Civil Engineering	II-I	RT21013	Strength of Materials-I
2	B.Tech in Civil Engineering	II-I	RT21017	Surveying Field work-I
3	B.Tech in Civil Engineering	II-II	RT22011	Building Planning & Drawing
4	B.Tech in Civil Engineering	II-II	RT22013	Strength of Materials- II
5	B.Tech in Civil Engineering	II-II	RT22015	Concrete Technology
6	B.Tech in Civil Engineering	II-II	RT22018	Concrete Technology Lab
7	B.Tech in Civil Engineering	II-II	RT22019	Surveying Field work-II
8	B.Tech in Electrical and Electronics Engineering	II/I	RT21021	Electrical Circuit Analysis-II
9	B.Tech in Electrical and Electronics Engineering	II/I	RT21022	Thermal & Hydro Prime Movers
10	B.Tech in Electrical and Electronics Engineering	II/I	RT21023	Basic Electronics & Devices
11	B.Tech in Electrical and Electronics Engineering	II/I	RT21024	Complex Variables & Statistical Methds
12	B.Tech in Electrical and Electronics Engineering	II/I	RT21025	Electro Magnetic Fields
13	B.Tech in Electrical and Electronics Engineering	II/I	RT21026	Electrical Machines-I
14	B.Tech in Electrical and Electronics Engineering	II/I	RT21027	Thermal & Hydro Lab
15	B.Tech in Electrical and Electronics Engineering	II/I	RT21028	Electrical Circuits Lab
16	B.Tech in Electrical and Electronics Engineering	II/II	RT22021	Environmental Studies
17	B.Tech in Electrical and Electronics Engineering	II/II	RT22022	Switching Theory & Logic Design
18	B.Tech in Electrical and Electronics Engineering	II/II	RT22023	Pulse & Digital Circuits
19	B.Tech in Electrical and Electronics Engineering	II/II	RT22024	Power Systems-I
20	B.Tech in Electrical and Electronics Engineering	II/II	RT22025	Electrical Machines-II
21	B.Tech in Electrical and Electronics Engineering	II/II	RT22026	Control Systems
22	B.Tech in Electrical and Electronics Engineering	II/II	RT22027	Electrical Machines-I Lab
23	B.Tech in Electrical and Electronics Engineering	II/II	RT22028	Electronics Devices & Circuits lab
24	B.Tech in Mechanical Engineering	II/I	RT21032	Mechanics of Solids
25	B.Tech in Mechanical Engineering	II/I	RT21033	Thermodynamics
26	B.Tech in Mechanical Engineering	II/I	RT21034	Managerial Economics & Financial Analysis
27	B.Tech in Mechanical Engineering	II/I	RT21011	Basic Electrical & Electronics Engineering
28	B.Tech in Mechanical Engineering	II/I	RT21035	Computer aided Engineering Drawing Practice
29	B.Tech in Mechanical Engineering	II/I	RT21036	Basic Electrical & Electronics Engg. Lab



SNO	Program	Year/Sem	Course Code	Course Name
30	B.Tech in Mechanical Engineering	II/II	RT22032	Thermal Engineering -I
31	B.Tech in Mechanical Engineering	II/II	RT22033	Production Technology
32	B.Tech in Mechanical Engineering	II/II	RT22035	Machine Drawing
33	B.Tech in Mechanical Engineering	II/II	RT22037	Production Technology Lab
34	B.Tech in Mechanical Engineering	II/II	RT22038	Thermal Engineering Lab
35	B.Tech in Electronics and Communications Engineering	II-I	RT21042	Data Structures
36	B.Tech in Electronics and Communications Engineering	II-I	RT21043	Environmental Studies
37	B.Tech in Electronics and Communications Engineering	II-I	RT21045	Electrical Technology
38	B.Tech in Electronics and Communications Engineering	II-II	RT22043	Management Science
39	B.Tech in Electronics and Communications Engineering	II-II	RT22042	Random Variables & Stochastic Processes
40	B.Tech in Electronics and Communications Engineering	II-II	RT22044	EM Waves and Transmission Lines
41	B.Tech in Electronics and Communications Engineering	II-II	RT22046	Electronic Circuit Analysis Lab
42	B.Tech in Computer Science and Engineering	II-I	RT21054	Object Oriented Programming Lab
43	B.Tech in Computer Science and Engineering	II-I	RT21051	Object Oriented Programming Through C++
44	B.Tech in Computer Science and Engineering	II-I	RT21057	Seminar
45	B.Tech in Computer Science and Engineering	II-I	RT21056	Digital Logic Design Lab
46	B.Tech in Computer Science and Engineering	II-II	RT22052	Java Programming
47	B.Tech in Computer Science and Engineering	II-II	RT22053	Advanced Data Structures
48	B.Tech in Computer Science and Engineering	II-II	RT22056	Advanced Data Structures Lab
49	B.Tech in Computer Science and Engineering	II-II	RT22057	Java Programming Lab
50	B.Tech in Computer Science and Engineering	II-II	RT22058	Free Open Source Software(Foss) Lab



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2/6/2014

Principal
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