



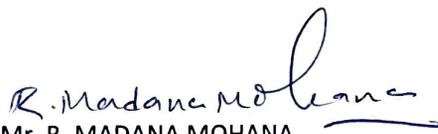
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

Date: 27-09-2014

Sub: Convening the meeting of IQAC (1/2014-15) - Reg.

A meeting of IQAC is convened on 29-09-2014 at 1:30 PM in the Audit Cell to discuss the following agenda.

1. Result Analysis
2. NBA Accreditation SAR preparation
3. Curriculum Delivery-JNTUH-R13 Regulations
4. Workshops, seminars, Guest lectures, conferences, FDPS, Training programs conduction
5. Research Activities
6. Academic Audit Activities
7. Approval of Vision, Mission and Program Educational Objectives (PEOs) of CSE, ECE, EEE, Mechanical and Civil departments
8. Approval of Content beyond syllabus of CSE, ECE, EEE and Mechanical for the academic year 2014-15



Mr. R. MADANA MOHANA  
Coordinator, IQAC

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Mangalpally (Village), Ibrahimpatnam (Mandal) –  
501510, Ranga Reddy (Dt.), Telangana



Dr. A. V. N. SWAMY  
Chairperson, IQAC

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Signature of the Coordinator, IQAC



Signature of the Chairperson, IQAC

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**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**Minutes of 1<sup>st</sup> IQAC meeting held on 29-09-2014 at 1:30 PM**

Chairmen IQAC has welcomed the members of IQAC to the 1<sup>st</sup> meeting Scheduled on 29-09-2014 at 1:30 PM in the Audit Cell.

**Results Analysis:** Chairman, IQAC has presented the pass percentages in all the subjects of all the departments. The Subjects in which the pass %is less than 75% have been noted by the corresponding HOD's .They were advised to take required corrective measures to improve the pass percentage. It is decided to have an objective of at least 85% of students in a branch should complete the graduation within 4 years only.

**NBA Accreditation:** The Self Assessment Reports (SAR) for NBA accreditation has been prepared by 4 departments (CSE, ECE, EEE, ECE & MECH) are considered. It is decided to apply for NBA accreditation for all these four B.Tech programs this year.

**Curriculum Delivery-JNTUH-R13 Regulations:** R13 regulations, the required specifications of CO's, PO's and mappings have been accepted. The other improvements in terms of number of laboratory courses, value addition courses wider range of electives have been found to be satisfactory. It is decided to follow R13 regulations as per JNTUH Regulations.

**Seminars, Guest Lectures, Conferences and Workshops:** Chairman , IQAC has requested all the departments to quantify the number of guest lectures, seminars, workshops, conference and FDP's conducted by each department for the benefit of students so that it adds to their employability. Reviewed the list of activities conducted during 2013-2014.

**Approval of Vision, Mission and Program Educational Objectives (PEOs):** IQAC members approved vision, mission and PEOs of CSE, ECE, EEE, Mechanical and Civil departments received from the respective departments DAC committee.

**Approval of Content beyond the syllabus:** IQAC members approved *Content beyond the Syllabus* of CSE, ECE, EEE and Mechanical departments received from the respective departments DAC committee for the academic year 2014-15 and verifies the gaps mapping with Program Outcomes (POs).

**Research Activities:** The institute has already formed research teams in various departments to encourage R&D activity. It is decided to do research activities more effectively.

**Academic Audit Cell:** Academic Activities to be implemented effectively.

Chairman, IQAC has reviewed the list of initiatives for 2013-2014 conducted through Academic Audit Cell and the lists of activities are given below:

Year	Name of quality initiative by Audit Cell	Date of conducting activity
2013-14	FDP ON EMERGING TRENDS IN VLSI DESIGN APPLICATION TO EMBEDDED SYSTEM ON 02.04.2014 AT BIET.	02.04.2014
2013-14	Lecture on Advanced manufacturing by Dr. C.S Krishna Prasada Rao, GM-BDL, Hyderabad.	24.03.2014
2013-14	One day Work shop on Modern trends in electrical power system design and analysis	22.03.2014
2013-14	One day Guest Lecture on Soft Skills Training	21.03.2014
2013-14	Two days management meet AAROHAN-2K14	18.03.2014 to 19.03.2014
2013-14	Aero Modeling workshop-Depron model making and flying around the campus by Mr. Charan Chandra, Retired col. Indian army.	17.03.2014
2013-14	Techno Flair: 2K14 - A National Level Technical Symposium	14.03.2014 to 15.03.2014
2013-14	Workshop on "Modern Trends in Power System Design and Analysis", Chief Guest -IITH-Assoc. Prof. Vaskar Sarkar, Guest of Honour- 'Dr. Ravi Kumar'	22.03.2014
2013-14	Lecture on Basics of Thermodynamics and its applications by Dr. AVSSKS Gupta, JNTUH, Hyderabad	06.03.2014
2013-14	One-Day workshop on Nuclear Power in India Is Conducted by Institution of Engineers (India) & SESI, BIET student chapters of EEE.	03.03.2014
2013-14	Guest lecture on Transformer Testing and Maintenance	07.02.2014
2013-14	Legal Camp Awareness program on Ignorance of law is not an excuse	07.02.2014
2013-14	One-Day workshop on the six Secrets of Success (Personality Development program)	03.02.2014
2013-14	Youth Convention <i>Belur</i>	29.01.2014 to 30.01.2014
2013-14	Guest lecture on MATLAB for Engineering Applications by Er. Hanumanth Rao, Ni- MsMe	28.01.2014
2013-14	Guest lecture on MATLAB for Power Electronic Applications by Er. Ravinder Reddy -Ni- MsMe	28.01.2014
2013-14	Workshop on Web Development using CMS-Joomla-hands by Robin T Jefferson	25.01.2014
2013-14	Seminar on Smart Grid Information Technology Applications by Er. Sridhar AE,CPTI	25.01.2014
2013-14	Seminar on 'Smart Grid-I T Applications 'by Er. Mahesh Kumar ADE,CPTI	25.01.2014
2013-14	National Security Challenges-role of student by "Mr. Mallik, Rtd Army Chief"	25.01.2014
2013-14	Turbulence modeling using finite volume techniques by Dr. Raja Benerji , Associate Prof. IIT.	24.01.2014
2013-14	Popular lecture on mechanical engineering by Dr. S Gowri , Director Educational multimedia research center	21.01.2014
2013-14	Workshop on Office and College Automation by Mr. Ramu Challagundla, Assistant Professor, IT Department, BIET., Associate Professor, IT Department, & Mr. Ramachandra Reddy, Assistant Professor, CSE BIET	18.01.2014
2013-14	Workshop on Producing Professional Documents Using LaTeX for Standard Typography by Mr. M. Ahsan Siddiqui, Associate Professor, IT Department, BIET	18.01.2014

Year	Name of quality initiative by Audit Cell	Date of conducting activity
2013-14	Swami Vivekananda 150th Birth day Celebrations	09.01.2014
2013-14	Guest lecture on Application of Embedded System in Power System by Dr. Chandrasekhar BDL, HYD	08.01.2014
2013-14	Walk a than program for awareness on organ donation conducted	29.12.2013
2013-14	Lecture on Finite element analysis by Prof. Tirupati and Prof. R Chandraputla, Rowan University, USA.	28.12.2013
2013-14	Workshop on Information Security by C-DAC, Hyderabad by Ms. S. Om Arathi, Mr. K. Rajasekhar, project Engineers, C-DAC.	27.12.2013
2013-14	Guest lecture Advancements in power systems/ power electronics by Prof. J.V.R. Vithal Retd. G.m. BHEL, R&D –Hyd	20.12.2013
2013-14	Personality Development Program for Faculty & Students (I Year) by Dr B. V. Pattabhirama	04.12.2013
2013-14	Guest lecture Air pollution effect on environmental science by CCMB by Dr. Y. V. Swamy,- chief Scientist – IICT, Hyd	30.11.2013
2013-14	Guest lecture Enhance Communication Skills by Danial Kay-USA	29.11.2013
2013-14	One day work shop on AICTE National vocational Education qualification frame work (NVEQF)	16.11.2013
2013-14	Two day workshop on " Introduction to basics of SPSS: A Research Application" by MBA, BIET	28.10.2013 to 29.10.2013
2013-14	ORIENTATION PROGRAM FOR FACULTY	27.10.2013
2013-14	ORIENTATION PROGRAM FOR I B.TECH STUDENTS	06.10.2013
2013-14	Engineers Day: 2013	15.09.2013
2013-14	Seminar on "High voltage Engineering", by Dr. M. Pradeep Nirgude, Joint Director, CPRI, Hyd	19.08.2013
2013-14	Program by Center for Human Excellence at R K Math, Hyderabad	01.08.2013 to 04.08.2013
2013-14	Seminar on "Ethical Hacking" on 02.08.2013 at BIET by Ankit Fadia, Ethical Hacker	02.08.2013
2013-14	Invocation Programme is conducted for Students & Faculty by Sri Swami Purna Bodhananda, Vivekananda Institute of Human Excellence, R.K. Math, Hyderabad	15.07.2013
2013-14	FACULTY DEVELOPMANT PROGRAMME	27.06.2013 to 29.06.2013

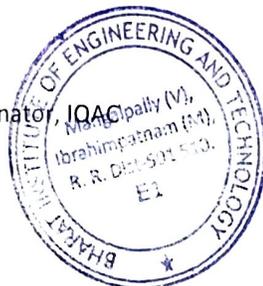
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# BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

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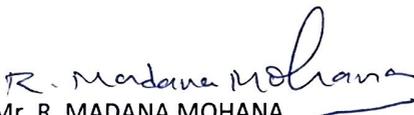
## INTERNAL QUALITY ASSURANCE CELL (IQAC)

Date: 20-12-2014

Sub: Convening the meeting of IQAC (2/2014-15) - Reg.

A meeting of IQAC is convened on 22-12-2014 at 11:30 AM in the Audit cell to discuss the following agenda.

1. Results Analysis
2. Overview of OBE implementation
3. NBA status
4. CO modifications and assessment procedure modifications.
5. Research proposals
6. Academic Council & Audit cell activities.
7. Review of contents beyond the syllabus delivery details and mapping of Program Outcomes for 2014-15 I semester.

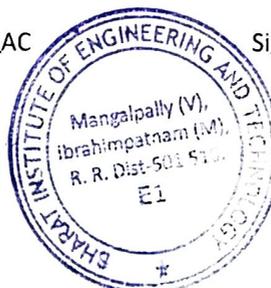
  
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**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**Minutes of 2<sup>nd</sup> IQAC meeting held on 22-12-2014 at 11:30 AM**

Chairmen IQAC has welcomed the members of IQAC to the 2<sup>nd</sup> meeting Scheduled on 22-12-2014 at 11:30 AM

**Results Analysis:** Chairman, IQAC has presented the pass percentages in all the subjects of all the departments. The Subjects in which the pass % is less than 75% have been noted by the corresponding HOD's .They were advised to take required corrective measures to improve the pass percentage. it is decided to have an objective of at least 85% of students in a branch should complete the graduation within 4 years only.

**Overview of OBE implementation:** The attainment levels of COs & POs are reviewed and corresponding modifications are discussed. Chairmen, IQAC has emphasized the importance proper implementation of OBE in view of NBA accreditation process.

**NBA SAR Status:** Chairmen, IQAC requested all the departments to note the status of SAR filled by CSE, ECE, EEE, & MECH

**CO modifications and assessment procedure modifications:** As part of OBE implementation it is necessary to modify the assessment procedure of COs specifications if attainment levels are not adequate in specific subjects. All the proposed modifications have been reviewed.

**Research Proposals:** Proposals this year every Professor & Associate Professor should publish at least 2 paper publications. Academic and Admin cell Activities.

**Review of contents beyond the syllabus:** IQAC members reviewed the delivery details and mapping of Program Outcomes for 2014-15 I semester department wise by analyzing the activities conducted like seminars, workshops, guest lectures etc.

**Academic Council & Audit cell activities:** regularly follow up the activities of academic council & audit cell responsibilities. Chairman, IQAC has reviewed the list of initiatives for 2014-2015 first semester conducted through IQAC and the lists of activities are given below:

Year	Name of quality initiative by Audit Cell	Date of conducting activity
2014-15	Seminar on Microelectronics technology development of VLSI,MMIC and MEMS for space and defence	1.11.2014
2014-15	One Day Workshop on "Emerging Technologies" by Mr. Pankaj Diwan, Managing Director, UPTECH IDEALABS Ltd, Secunderabad at BIET	30.10.2014
2014-15	Work shop on GPS Systems and Its Applications	25.10.2014
2014-15	Seminar on Application of Matlab to Engineering Problems	21.10.2014
2014-15	Seminar on Advancements in Testing	20.10.2014

Year	Name of quality initiative by Audit Cell	Date of conducting activity
2014-15	Practice Session on PCB Design and Fabrication	11.10.2014
2014-15	Workshop on IBM BLUEMIX on 25 September, 2014 at BIET	25.09.2014
2014-15	Engineers Day: 2014	15.09.2014
2014-15	Teachers Day: 2014	05.09.2014
2014-15	Seminar on Power electronic Simulation Applications	27.08.2014
2014-15	Seminar on Thermal Power Generation Scenario – Opportunities And Challenges (TPSOOC-14)	23.08.2014
2014-15	A One Day Workshop on “A MULTILINGUAL ONE STOP KNOWLEDGE PORTAL” by Mr. E. Naresh, Project Officer, CDAC, Hyderabad	22.08.2014
2014-15	Faculty Orientation for JNTUH e-Learning (ELSDM) by GLOBARENA at BIET on 21.08.2014	21.08.2014
2014-15	A One Day Workshop on “BIG DATA ANALYSIS USING HADOOP TECHNOLOGY” by Dr. P. Arun Kumar, JNTUH, Hyderabad	12.08.2014
2014-15	One day workshop on recent trends in extended the heat exchanger	31.07.2014
2014-15	Seminar on Application of Alarm systems	21.07.2014 to 22.07.2014
2014-15	Lecture on Entrepreneurial Skills	14.07.2014
2014-15	New Faculty Orientation Programme	12.07.2014
2014-15	Faculty orientation Program	05.07.2014
2014-15	4-Day FDP on Mobile Application Development, 25-28 June 2014 at BIET, Speakers: Mr. Srinivasa Rao, JNTUH, others from CDAC.	25.06.2014 to 28.06.2014
2014-15	AICTE Sponsored FDP ON EMBEDDED AND VLSI SYSETMS DESIGN by ECE Dept, BIET	23.06.2014 to 27.06.2014
2014-15	Five day workshop on Embedded and VLSI Systems	02.06.2014 to 06-06-2014

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# BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## INTERNAL QUALITY ASSURANCE CELL (IQAC)

The plan of action chalked out by the IQAC in the beginning of the year towards Quality Enhancement and the outcome achieved by the end of 2014-15 academic year.

Plan of Action	Achievements
To apply for NBA Accreditation	Four departments have completed NBA Tier-II SAR Application.
To offer Value added course	Training programs are conducted on latest technologies for the benefit of the students.
To improve co curricular activities	Workshops, conferences ,industrial visits, soft skill development programmes, communication skill development programmes organized regularly
Submission of research proposal to various external funding agencies	Publications are reviewed and Proposals are prepared.
To Monitor Teaching Learning process	Academic audit is done at the middle and end of the every semester.
To Encourage R&D and Consultancy, Establishing advanced/research labs/centres, setting up new experiments on latest technologies.	CSE, ECE, EEE, MECH and Civil departments are involved in R&D Activities.
To conduct Faculty development programs on emerging technologies.	Faculty development programmes are organized.
Communication with parents	Letters with particulars of Percentage of attendance, Mid-Exam marks, and backlogs have been sent. Percentage of student attendance is improved.
To Arrange training on latest technologies for students.	Workshops are conducted on latest technologies.
Involving students in more number of extension activities.	More than students have participated in NSS events
To improve the placement activities.	In-house training as well as external expert training from the beginning of the first year is offered.

  
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