



## AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved By AICTE, Permanently Affiliated to JNT University, Kakinada,  
NBA Accredited & Recognized Under 2(f) and 12 (b) by UGC, New Delhi)  
Tamaram, Makavarapalem, Narsipatnam(R D), Visakhapatnam Dist-531113

Lr. No. AIETM/IQAC/2016-17/1

### INTERNAL QUALITY ASSURANCE CELL (IQAC)

Dt. 20/06/2016

#### Proceedings of the Internal Quality Assurance Cell (IQAC) meeting of Avanthi Institute of Engineering & Technology held on 20/06/2016

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The members of IQAC met on 20<sup>th</sup> June 2016 in the Conference hall to discuss the functioning and activities of the IQAC for the academic year 2016-'17.

Members Present:

Committee	Members
Chairperson: Head of the Institution	Dr. C P V N J MOHAN RAO, PRINCIPAL
Administrative Heads	Dr. T Srinivasa Rao, HOD, Dept. of EEE Dr. G Satya Narayana, HOD, Dept. of CSE Sri. E Govinda, HOD, Dept. of ECE Sri. V Hari Kiran, HOD, Dept. ME Sri. J Konda Babu, HOD, Dept. of H & S Sri. V Sai Prashanth, HOD, Dept. of MBA Sri. P Anil Kumar, Examinations- Incharge
Faculty Members	Dr. Ch. Srinivasu, Dept. of ECE Sri. P Raja Sekhar, Asst. Professor, CSE Sri. S Sujatha Devi, Asst. Professor, EEE Sri. B Ramesh, Asst. Professor, ME Dr. M A Rahmatullah, Asst. Professor, H & S Sri. S Srinivas, Asst. Professor, Dept. of MBA
Management representative	Sri. I Sravan Kumar, Treasurer, Avanthi Educational Society
Students and Alumni	<u>Student:</u> A SRI DEVI II MBA K SANDYA IV CSE <u>Alumni:</u> SAI CHARAN KUPPILI Technical Director- South Asia Jinko Solar Co. Ltd.,
IQAC coordinator	Prof. R Prasad Rao

The Minutes of the meeting are recorded as follows.

Dr. C P V N J MOHAN RAO, PRINCIPAL of the Institute has welcomed the members and given his opening remarks covering objectives and benefits of IQAC and give the following agenda for the meeting.



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### AGENDA

1. Review of minutes of last IQAC Meeting and Action taken report on the decisions of the previous meeting
2. To work out the mechanism for ensuring timely, efficient and periodic progressive performance of academic, administrative, research and extension activities on regular basis.
3. To strengthen the Industry-Institute Interaction through Collaboration, linkage and MoUs
4. To See active participation of the students in Department level technical events
5. To decide the extension activities under NSS Unit of the College.
6. To review the academic results of all programs / courses

#### Agenda 1:

Prof. R Prasad Rao , IQAC Coordinator has given the details of all the activities taken up by IQAC.

- He has mentioned that an MOU with Brandix was made to provide industrial visits and placements to students on 15/06/2016
- He has elaborated the activities of the IQAC for the last session.

#### Agenda 2:

After a thorough discussion, the decision was taken unanimously to

- Conduct a Value added course in Department of Mechanical Engineering on Solid Works
- Conduct a value added course on Power Economics and Energy Management in Department of EEE
- Conduct a session on Stress Management to all the students by inviting resources from Brahma Kumari / Ramakrishna Mission

#### Agenda 3:

After an in-depth discussion, the decision was adopted unanimously to

- MoU With Happy Minds to promote placements for CSE students
- MoU with Suryavardhan Integrations, Narsipatnam to provide Hands on Experience to ECE Students
- MoU with Nicco Ventures to provide advanced training on Employability Skills and to Provide Placements in Corporate Companies.
- MoU with Indo German Institute of Advanced Technology to provided advanced training on Latest technologies

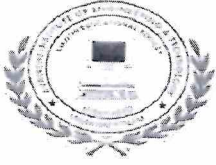
#### Agenda 4:

After a detailed debate , the committee has agreed to

- To Plan at least two events in each department to promote skill based training

#### Agenda 5:

After a detailed discussion, the committee has resolved to




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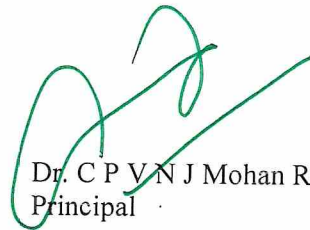
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- To strengthen the extension activities through NSS Unit
- To Improve the number of Volunteers in the NSS Unit
- To Conduct International Yoga day on 21<sup>st</sup> June 2016
- To Conduct Population day on 11<sup>th</sup> July 2016
- To Conduct Tree Plantation
- To Conduct a program to Promote Gender Equity

### Agenda 6:

- Head of the departments have presented the academic results of all the courses / years / programs offered in their respective departments.  
After having an insight into the details, the committee has resolved to
  - 80% of results in all the programs
  - To conduct remedial classes for weak students after mid-1 examinations
  - To provide objective question bank for each subject so as to improve their performance in online quiz.

  
Prof. R Prasad Rao  
Coordinator

  
Dr. C P V N J Mohan Rao  
Principal



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Lr. No. AIETM/IQAC/2016-17/2

### INTERNAL QUALITY ASSURANCE CELL (IQAC)

Dt. 13/10/2016

#### Proceedings of the Internal Quality Assurance Cell (IQAC) meeting of Avanthi Institute of Engineering & Technology held on 13/10/2016

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The members of IQAC met on 13<sup>th</sup> October 2016 in the Conference hall to discuss the functioning and activities of the IQAC for the academic year 2016-'17.

Members Present:

Committee	Members
Chairperson: Head of the Institution	Dr. C P V N J MOHAN RAO, PRINCIPAL
Administrative Heads	Dr. T Srinivasa Rao, HOD, Dept. of EEE Dr. G Satya Narayana, HOD, Dept. of CSE Sri. E Govinda, HOD, Dept. of ECE Sri. V Hari Kiran, HOD, Dept. ME Sri. V Sai Prashanth, HOD, Dept. of MBA Sri. P Anil Kumar, Examinations- Incharge
Faculty Members	Dr. Ch. Srinivasu, Dept. of ECE Sri. P Raja Sekhar, Asst. Professor, CSE Sri. S Sujatha Devi, Asst. Professor, EEE Dr. M A Rahmatullah, Asst. Professor, H & S Sri. S Srinivas, Asst. Professor, Dept. of MBA
Management representative	Sri. I Sravan Kumar, Treasurer, Avanthi Educational Society
Students and Alumni	<u>Student:</u> A SRI DEVI II MBA K SANDYA IV CSE <u>Alumni:</u> Ganesh Machavarapu SOC Design Engineer @ Intel Pvt LTd, Bangalore, Karnataka
IQAC coordinator	Prof. R Prasad Rao,

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Dr. C P V N J MOHAN RAO, PRINCIPAL of the Institute has welcomed the members and given his opening remarks covering objectives and benefits of IQAC and give the following agenda for the meeting.

#### AGENDA

1. Review of minutes of last IQAC Meeting and Action taken report on the decisions of the previous meeting
2. To chalk out the procedure for ensuring timely, efficient and periodic progressive performance of



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academic, administrative, research and extension activities on regular basis.

3. To strengthen the Industry-Institute Interaction through Collaboration, Membership & MoU's
4. To Improve the students participation in National Technical Events
5. To decide the extension activities under NSS Unit of the College.
6. To review the functioning of all the support committees in the academic and administrative system
7. To review the admissions scenario for various programs of the institute during 2016-'17

### Agenda 1:

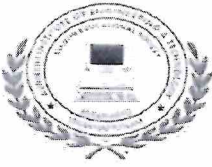
Prof. R Prasada rao , IQAC Coordinator has given the details of all the activities taken up by IQAC.

- Conducted a Value added course in Department of Mechanical Engineering on Solid Works – Design and assembly with 164 participants on 12/07/2016
- Conducted a value added course on Power Economics and Energy Management in Department of EEE with 103 participants on 10/08/2016
- Conduct a session on Stress Management with resources from Ramachandra Mission and 283 students have actively participated
- MoU With Happy Minds has taken place on 23/10/2016
- MoU with Suryavardhan Integrations, Narsipatnam to provide Hands on Experience to ECE Students has taken place on 21/09/2016
- MoU with Nicco Ventures to provide advanced training on Employability Skills and to Provide Placements in Corporate Companies is completed on 23/08/2016.
- MoU with Indo German Institute of Advanced Technology to provide advanced training on Latest technologies has taken place on 19/08/2016
- A Professional development program on Research Methodology is organized for the Faculty members and 84 faculty members have participated in the program.
- Organized International Yoga day on 21<sup>st</sup> June 2016.
- Organised Population day on 11<sup>th</sup> July 2016.
- Organised Tree Plantation at UP School, Tamaram on 30/07/2016.
- Organised a program on Gender Equalities in Employment with 155 participants.
- Conducted Engineers day celebrations on 16/09/2016.
- Organised a two day program on How to be Successful in Life? – Motivational session by Renowned Psychologist Sri. Yandamoori Veerendranath during 9&10<sup>th</sup> September 2016 and 594 students have participated.
- A program on Soft Skills development is organized jointly with OMEGA, Hyderabad in which 171 students of final year have participated.
- A program on Enhancing Communication skills for better interaction is organized jointly with Spark Academy, Visakhapatnam in which 171 students have participated.
- A special training of 180 Hrs. has taken up jointly with OMEGA and Time Academy to improve Aptitude and reasoning skills of the Final year students attending Campus selections.

### Agenda 2:

After a thorough discussion, the decision was taken unanimously to

- To conduct a course on Industrial Applications on quality control to ECE students
- To conduct a special course on Non Traditional Machining processes to Mechanical Engineering students
- To conduct an advanced program on latest trends in Renewable energy systems to Electrical Engineering Students
- To Conduct A value added program on Unigraphics to enhance the technical skills



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of the students

### Agenda 3:

After an in-depth discussion, the decision was adopted unanimously to

- MoU With Miracle Software Systems Pvt. Ltd. For Placements
- MoU with Uniparts India Ltd, SEZ, Achutapuram for training and placements

### Agenda 4:

After a detailed debate , the committee has agreed to

- Conduct a two day National technical meet in the college by inviting renowned academicians and reputed industrial experts and to conduct interactive sessions
- To include young entrepreneurs in the event to motivate the students towards entrepreneurship

### Agenda 5:

After a detailed discussion, the committee has resolved to

- To organize a health awareness program in the college to promote health consciousness among the students
- To conduct campaign on digital transactions in the neighbouring villages
- To arrange a Passport Mela in the campus by negotiating with Passport Seva Kendra, Visakhapatnam
- To Conduct International Womens day celebrations in a grand manner to promote the importance of women in the society.

### Agenda 6:

- The functioning and efficiency of the various support committees was reviewed and found to be good after in-depth discussion.
- It was decided to establish an Internal Compliance Committee (ICC) in accordance with the AICTE guidelines.

### Agenda 7:

Admissions committee coordinator has presented the details of admissions for the academic year in BTech, MTech and MBA programs.

Committee has resolved to

- Enhance the admissions in terms of number
- To improve the quality of intake
- To conduct career counseling sessions at various neighbouring towns to create awareness among the potential students regarding specializations.

  
Prof. R Prasad Rao  
Coordinator

  
Dr. C P V N J Mohan Rao  
Principal



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Lr. No. AIETM/IQAC/2016-17/3

### INTERNAL QUALITY ASSURANCE CELL (IQAC)

Dt. 9/3/2017

#### Proceedings of the Internal Quality Assurance Cell (IQAC) meeting of Avanthi Institute of Engineering & Technology Held on 9/3/2017

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The members of IQAC met on 9<sup>th</sup> March 2017 in the Conference hall to discuss the functioning and activities of the IQAC for the academic year 2016-'17.

Members Present:

Chairperson: Head of the Institution	Dr. C P V N J MOHAN RAO, PRINCIPAL
Administrative Heads	Dr. T Srinivasa Rao, HOD, Dept. of EEE Dr. G Satya Narayana, HOD, Dept. of CSE Sri. E Govinda, HOD, Dept. of ECE Sri. V Hari Kiran, HOD, Dept. ME Sri. J Konda Babu, HOD, Dept. of H & S Sri. V Sai Prashanth, HOD, Dept. of MBA Sri. P Anil Kumar, Examinations- Incharge
Faculty Members	Dr. Ch. Srinivasu, Dept. of ECE Sri. P Raja Sekhar, Asst. Professor, CSE Sri. S Sujatha Devi, Asst. Professor, EEE Sri. B Ramesh, Asst. Professor, ME Dr. M A Rahmatullah, Asst. Professor, H & S Sri. S Srinivas, Asst. Professor, Dept. of MBA
Students and Alumni	<u>Student:</u> A SRI DEVI II MBA K SANDYA IV CSE
IQAC coordinator	Prof. R Prasad Rao,

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#### AGENDA

1. Review of minutes of last IQAC Meeting and Action taken report on the decisions of the previous meeting
2. To chalk out the procedure for ensuring timely, efficient and periodic progressive performance of academic, administrative, research and extension activities on regular basis.
3. To take up Academic Audit on all academic and administrative procedures to ensure quality and expected outcome



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4. To strengthen the Industry-Institute Interaction through Collaboration, linkage and MoUs
5. To Encourage students to take up Projects of commercial importance with Institutional funding
6. To decide the extension activities under NSS Unit of the College.
7. To review the Mentoring system and its activities in grooming up the students
8. To review the Faculty development programs attended by the faculty

### Agenda 1:

Prof. R Prasada rao , IQAC Coordinator has given the details of all the activities taken up by IQAC.

- Industrial Applications on quality control value added course is organized on 15/11/2016 to ECE students
- A value added course on Non Traditional Machining processes to Mechanical Engineering students is organized on 3/1/2017
- A special course on Current trends and future in Renewable energy systems to Electrical Engineering Students is organized on 24/01/2017
- An advanced course on Unigraphics and its evaluation in Design Era is organized on 13/02/2017 to Mechanical engineering students
- MoU With Miracle Software Systems Pvt. Ltd. for Placements is executed on 19/08/2016
- MoU with Uniparts India Ltd, SEZ, Achutapuram for training and placements is taken up on 15/06/2016
- Conducted a two day National technical meet “ NIPUNYA” in the college by inviting
  - Sri. J A Chowdary Advisor Information Technology Govt. of Andhra Pradesh
  - Prof. R V Raja Kumar Director , IIT, Bhubaneswar
  - Prof. M Mutyala Naidu Vice Chancellor Adikavi Nannayya University, Rajahmundry
  - Sri B Ashok Reddy President - Corporate affairs and Infrastructure CYIENT LTD, Hyderabad
  - Sri P K Bondriya General Manager NTPC ---SIMHADRI---Visakhapatnam
  - Sri. B Subba Rao Project Head, SAMEER, Visakhapatnam
  - Sri. N Gangadhar DGM (Electrical) – Projects Visakhapatnam Steel Plant
  - Sri S V Chalapathi Rao CEO Vishnu Vidyut, Yelamanchili
  - Prof. Ch Sai Babu Registrar, JNTUK, Kakinada
  - Prof. R Rajeswara Rao HoD, Department of CSE UCE-Vizianagaram, JNTUK
  - Sri K RajaSekhar Manager (Electrical) Hindusthan Shipyard Ltd., Visakhapatnam

Guest lectures, Interactive sessions, technical exhibition are conducted and 2500 students from various college have participated in the event. An young enterprenuer Sri S V Chalapathi Rao CEO Vishnu Vidyut, Yelamanchili has graced the event and shared his experiences in enterprenuership and motivated the students towards enterprenuership.

- Organised an Health camp in the college on 26/10/2016 wherein doctors have examined all the students and suggested them for better health and hygiene.
- Organised campaign on digital transactions in collaboration with SBI, Makavarapalem and SBI, Kannurupalem during 9<sup>th</sup> Dec – 19<sup>th</sup> January and conducted rallies and door to door campaign to create digital transaction for general public.
- arranged a Passport Mela in the campus with PSK, Visakhapatnam on 12/02/2017 and provided passports to 710 students
- International Womens day celebrations in a grandeur on 8/3/2017 with all the girl students and female faculty of the campus

### Agenda 2:





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After an in-depth discussion, the decision was adopted unanimously to

- To conduct a special course on DOTNET for CSE students
- To conduct a special course on Cloud Computing for CSE students
- To conduct an advanced course on Remote sensing and image processing for ECE students

### Agenda 3:

After a detailed debate , the committee has agreed to

- Constitute a committee with senior Faculty from all departments to conduct Academic Audit
- Academic Audit committee has to visit all the departments and go through all the academic and administrative procedures adopted there and submit a detailed report within 15 days.
- IQAC has to analyse the report submitted by the committee and to chalk out procedures to strengthen the system
- IQAC has to present the action taken report by next IQAC meeting.

### Agenda 4:

After a detailed discussion, the committee has resolved to

- Extend the MoUs with Brandix, Miracle Software Solutions, Inspiredge IT solutions, Suryavardhan Integrations, Nicco Ventures, APITA for respective purposes mentioned in the Document
- Have an MoU with Hobell Bellows for providing internships and placements to Mechanical Engineering students.
- Have an MoU with Emmanuel General Hospital, Kondala Agraharam to provide medical facilities to Students and staff of the institute.

### Agenda 5:

After a thorough discussion, the decision was taken unanimously to

- To encourage two teams in each department to take up a live project of commercial importance with institutional funding
- To offer not more than Rs. 25,000/- for each of these projects as institutional fund and to meet this fund from the head of account AVANTHI INCUBATION CENTRE.

### Agenda 6:

After a detailed debate , the committee has agreed to

- Organise National Yoga Day on 21/06/2017
- To chalk out extension programs for 2017-18

### Agenda 7:

- Mentor-mentee system implemented in the institute is discussed in detail. Problems encountered during counseling sessions are well considered. Non responsive parents and measures to be taken in such cases are also discussed. The committee has resolved to
  - Maintain 1:15 mentor – mentee ratio strictly to obtain better results.
  - Maintain complete documentation for the counseling sessions so as to maintain track
  - Conduct Psychological counseling for students at periodic intervals




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### Agenda 8:

- HoDs have presented the department wise details of faculty development programs attended by their members for professional development. The policy document for providing incentives for FDP attending faculty is discussed in detail. The committee has resolved to
  - Encourage faculty to attend at least two programs in every semester
  - To attend more programs during semester break without hindrance to classwork
  - Encourage faculty to attend short term courses offered by IITs and NITs

  
Prof. R Prasad Rao  
Coordinator

  
Dr. C P V N J Mohan Rao  
Principal