**The Annual Quality Assurance Report (AQAR) of the Internal Quality Assurance Cell (IQAC) – NAAC**

**Submitted to**

UGC-NAAC



by

**Aditya Institute of Technology and Management**

**(An Autonomous Institution)**

**Approved by AICTE, Permanently affiliated to JNTU, Kakinada**

**Accredited by NBA & NAAC, Recognised by UGC under 2(f), 12(b)**

**K.Kotturu (Vill), Tekkali, Srikakulam-Dist., A.P-532201**

**2011-12**

**Name of the Institution:** Aditya Institute of Technology and Management

**Name of the Head of the Institution:** Prof. V.V. Nageswara Rao

**Ph. No: Office:** (+91) 8945-245666, 245266 **Mobile:** 9440195534

**Email:** [vvnrao64@gmail.com](mailto:vvnrao64@gmail.com)

**Name of the IQAC Co-ordinator:** Dr. K.B. Madhu Sahu

**Ph. No: Office:** (+91) 8945-245266 **Mobile:** 9440955587

**Email:** [kbmadhusahu@gmail.com](mailto:kbmadhusahu@gmail.com)

**Year Report: 2011-12**

**PART – A**

The plan of action chalked out by the IQAC at the beginning of the year 2011-12 towards quality enhancement and the outcome achieved by the end of year.

* It is planned to offer quality education by conducting more innovative teaching-learning methods under implementation.
* It is decided to pay more attention on improving Communication Skills of the students. To achieve this, it is planned to recruit skilled and qualified faculty from EFLU (English and Foreign Languages University), Hyderabad.
* It is planned to apply Re-Accreditation status for UG programs ECE, EEE, CSE and New Accreditation for UG Programs IT, ME & EIE from National Board for Accreditation.
* AITAM will strengthen its Industry Oriented Training Programmes for students like Campus-Connect for Infosys, The Great Mind Challenge (TGMC) for IBM and Mission 10X for Wipro.
* It is planned to strengthen the Career Guidance Cell (CGC) to provide coaching for GATE examination from second year onwards to the interested students.
* To conduct Remedial Classes for the slow learners belonging to SC/ST/OBC/Minorities, AITAM will continue to provide stipend to a few students on the basis of Merit / Financial criteria.
* To modernize and renovate laboratories of all departments to meet the changing industry needs with time.
* Coaching classes will be started for entry in services for SC/ST/OBC & Minorities to prepare students to get gainful employment.
* It is planned to conduct state level and national level Seminars on current technological topics to stir the new ideas in both teachers and students.
* It is planned to sensitize further all professional student bodies of IEEE / ISTE / CSI / IETE / IE.
* It is planned to incorporate distinguished outsiders both from academics and industry in all kinds of research activities and other areas of interest of the institution.

All the above are intended to achieve in addition to the regular academic activities.

**PART – B**

**1.** **Activities reflecting the Goals and Objectives of the institution:**

The Vision, Mission & Objectives of the AITAM are to fulfill the needs of the Society and Nation by providing Quality Education in Technology & Management fields and to be Innovative in outcome based teaching methodology.

**Vision:**

TO EVOLVE INTO A PREMIER ENGINEERING INSTITUTE IN THE COUNTRY BY CONTINUOUSLY ENHANCING RANGE OF OUR COMPETENCIES, EXPANDING THE GAMUT OF OUR ACTIVITIES AND EXTENDING THE FRONTIERS OF OUR OPERATIONS

**Mission:**

SYNERGIZING KNOWLEDGE, TECHNOLOGY, AND HUMAN RESOURCE, WE IMPART BEST QUALITY EDUCATION IN TECHNOLOGY AND MANAGEMENT. IN THE PROCESS, WE MAKE EDUCATION MORE OBJECTIVE SO THAT EFFICIENCY FOR EMPLOYABILITY INCREASES ON A CONTINUED BASIS.

**Goals:**

* To create an excellent ambience for teaching and learning.
* To promote research culture among the faculty members.
* To give equal importance to co-curricular and extra-curricular activities.
* To be recognized by the UGC under the scheme 2(f) & 12(b).

**Objectives:**

* To establish PG programmes in emerging areas
* To publish research journals
* To establish centers for research and consultancy
* To organize workshops, conferences and training programmes
* To organize personality development programmes
* To enter into collaboration with national and international institutions of eminence
* To strengthen Career Guidance Cell and Placement Cell
* To provide ICT enabled education

**2. New Academic programmes initiated (UG & PG):**

* UG Programme Civil Engineering (B. Tech)
* PG Programme Digital Electronics and Communication Systems (M. Tech)
* PG Programme Thermal Engineering (M. Tech)

**3. Innovations in curricular design and transaction:**

* Curriculum designed as per regulations of the Affiliating University

**4. Inter-disciplinary programmes started:**

At present the AITAM has not introduced any new inter-disciplinary programmes.

**5. Examination reforms implemented:**

AITAM is following examination reforms directed by the affiliating University (JNTUK)

**6. Candidates qualified: NET / SLET / GATE etc.**

No. of the candidates qualified in

NET : 01

SLET : 03

GATE : 13

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| **S. No.** | **Name** | **Dept.** | **NET / SLET** |
| 1 | Sri. B. Siva Kumar | MBA | NET |
| 2 | Sri. B. Siva Kumar | MBA | SLET |
| 3 | Sri. K. Venu Gopal | MBA | SLET |
| 4 | Sri. B. Bala Ram | MBA | SLET |

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| --- | --- | --- | --- | --- |
| **S.**  **No.** | **Name of the Student** | **Roll No.** | **Branch** | **GATE Rank** |
| 1 | G. Ganesh | 08A51A0218 | EEE | 2374 |
| 2 | Ch. Yadesh | 08A51A0209 | EEE | 4457 |
| 3 | B. Rahul | 08A51A0246 | EEE | 7234 |
| 4 | P. Tulasi Rao | 08A51A0245 | EEE | 10602 |
| 5 | G. Pushpanjali | 08A51A0220 | EEE | 11232 |
| 6 | B. Ganesh | 08A51A0261 | EEE | 16598 |
| 7 | K. Dileep Kumar | 08A51A0246 | EEE | 42057 |
| 8 | P. Hari Babu | 08A51A1017 | EIE | 1841 |
| 9 | S. Govinda | 08A51A04A1 | ECE | 2434 |
| 10 | M. Santhoshi | 08A51A0469 | ECE | 10911 |
| 11 | B. Sai Krishna | 08A51A0498 | ECE | 14899 |
| 12 | PVS Kalyan | 08A51A0580 | CSE | 5051 |
| 13 | V. Sharath | 08A51A05A9 | CSE | 12440 |

**7. Initiative towards faculty development programme:**

The Institute is taking initiation towards the faculty development programmes to enhance the quality of teacher in teaching, learning & research. The following faculty development programmes were conducted.

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| **S. No.** | **Name of the event** | **Date of event** | **Resource Person** | **Participants** |
| 01 | Guest Lecture on ”Cloud Computing” | 06.02.2012 | Sri P. Phanigopal  AGM, Steel Plant, Visakhapatnam | CSE, IT & MCA |
| 02 | One Day Seminar on “Importance of e-Governance for IT” | 06.03.2012 | Sri P. Phanigopal  AGM, Steel Plant, Visakhapatnam | CSE, IT & MCA |

**8. Total no. of seminars / workshops conducted:**

Seminars / Workshops : 05

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| **S. No.** | **Title** | **Dept.** | **Convener** | **Dates** | **No. of Participants** | **Resource Persons** |
| 1 | A Three-Day Refresher Course on “Multi-Core Computing: Hands on Exposure to Practical Open Mp Programming” | CSE, IT & MCA | Prof. D.T.V. Dharmajee Rao | 20th-22nd Oct’ 2011 | 29 | 1. Dr. N.B. Venkateswarlu,  2. Dr. Pallam Setty  3. Dr. D. Justin |
| 2 | SACAM-12 | ECE & EIE | Dr. K. Murali Krishna | 28th & 29th April, 2012 | 63 | 1. Prof. K. Raja Rajeswari, BOS, Dean, Andhra University, Visakhapatnam.  2. Prof. Ganapathi Panda,Deputy Director, Indian Institute of Technology, Bhubaneswar  3. Dr. Ritanjali  National Institute of Technology, Warangal |
| 3 | AICTE Sponsored A Two Week Staff Development Programme on ‘Soft Computing Application to Power System and Control MATLAB’ | EEE | Dr. K.B.Madhu Sahu | 16th-29th April, 2012 | 60 | 1. Dr N.K.Kishore, IIT, Kharagpur  2. Dr M.sydulu, NIT, Warangal  3. Dr Bidyadar Subuddi NIT, Rourkela  4. Dr Ranjan Kumar Behra, IIT, Patna  5. Dr P.Mallikarjun Rao, AU, VSP  6. Dr G.Yesurtnam, OU, Hyderabad  7. Sri. B.Venkata Rao, NSTL VSP |
| 4 | Computational Fluid Dynamics and its Applications | ME | Dr. N. Hari Babu | 30-31 March, 2012 | 15 | 1. Dr. Guru Raja Rao  2. Dr. TVK Bhunu Prakesh  3. Mr. M. Vardanam |
| 5 | A Two- Day National Workshop on Engineering Physics | BS&H | Dr. P. Venkoji | 11th & 12th May, 2012 | 30 | 1. Dr. V. Veeraiah  2. Dr. P. Madhusudana Rao  3. Dr. P. Raghavendra Rao  4. Dr. P. enkateswarlu |

**9. Research Projects**

a) Newly implemented: NIL

b) Completed: NIL

**10. Patents generated, if any:** NIL

**11. New collaborative research programmes:** NIL

**12. Research grants received from various agencies:**

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| --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Funding Agency** | **Grant Type** | **Title** | **Dept.** | **Name of the PI** | **Amount (Rs.)** |
| 01 | AICTE | SDP | Soft Computing Applications to Power Systems and Control MATLAB | EEE | Dr. K. B. Madhu Sahu | 4,20,000/- |
| 02 | AICTE | MODROBS | Thermal Engineering Lab | ME | Dr. N. Haribabu | 12,80,000/- |
| 03 | DST | Project | Water Quality and its Role in Endemic Kidney Disease in Coastal Srikakulam-A Synergic Perception for Assessment and Remedies | BS & H and ME | Mr. H. Ram Mohan &  Dr. D. Lingaraju | 182.87 Lakhs (For all the Collaborating organizations)  (College's share is 45,95,000/-) |

**13. Details of research scholars:**

No. of staff members registered for Ph.D. department wise.

CSE : 06 Nos.

ECE : 05 Nos.

EEE : 01 No.

ME : 05 Nos.

IT : 03 Nos.

CE : 01 No.

EIE : 02 Nos.

BS&H : 02 Nos.

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| **S. No.** | **Name** | **Dept.** | **University** |
| 1 | Prof. D.T.V. Dharmajee Rao | CSE | JNTUK, Kakinada |
| 2 | Prof. Ch.Ramesh | CSE | JNTUH, Hyderabad |
| 3 | Sri U.D.Prasan | CSE | SCSM University, Kanchipuram |
| 4 | Sri R.Srinivas | CSE | GITAM University, Visakhapatnam |
| 5 | Sri P.K.Sahu | CSE | UTKAL University, Bhubaneswar |
| 6 | Smt. R.Usha Rani | CSE | Krishna University, Machilipatnam |
| 7 | Prof. A.S. Srinivasa Rao | ECE | A. U. Visakhapatnam |
| 8 | Sri. B. Rama Rao | ECE | AU, Visakhapatnam |
| 9 | Sri. P. Venkata Muralidhar | ECE | Berhampur University |
| 10 | Sri. D. Yugandhar | ECE | Berhampur University |
| 11 | Sri. MVHB Murthy | ECE | JNTUK, Kakinada |
| 12 | Sri. Ch. Ravi Kumar | EEE | A.U, Visakhapatnam |
| 13 | Sri C. J. Rao | ME | A.U, Visakhapatnam |
| 14 | Sri D. Azad | ME | A.U, Visakhapatnam |
| 15 | Sri D. Lokanadham | ME | A.U, Visakhapatnam |
| 16 | Sri P. Murali Krishna | ME | A.U, Visakhapatnam |
| 17 | Sri P. Srihari | ME | A.U, Visakhapatnam |
| 18 | Mr. G. Nageswara rao | IT | A.U, Visakhapatnam |
| 19 | Mr. B. V. Ramana | IT | A.U, Visakhapatnam |
| 20 | Mr. A. Kiran Kumar | IT | HCU, Hyderabad |
| 21 | Sri. Ch. Kannam Naidu | Civil | A.U, Visakhapatnam |
| 22 | Mr. M.J. Manmadha Rao | EIE | A.U, Visakhapatnam |
| 23 | Mr. G.S.S.S.S.V. Krishna Mohan | EIE | A.U, Visakhapatnam |
| 24 | Sri. H. Rammohan | BS&H | A.U, Visakhapatnam |
| 25 | Sri. M. Balakrishna | BS&H | GITAM University, Visakhapatnam |

**14. Citation index of faculty members and impact factor:**

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| **S. No.** | **Name of the Author** | **Dept.** | **Paper Title** | **Journal Name & Publisher Name** | **Vol. No., Issue No., Page No & Date** | **IR** | **CI** |
| 1 | Sri R.Srinivas | CSE | Water-Mark Embedding in an Image and Authentication Based on DCT | IJCSC & Serial Publications  ISSN 0973-7391 | Vol-3, Issue-2,  Pp-274-279 Jan-June -2012 | 1 | - |
| 2 | Prof. Ch. Ramesh | CSE | A Novel K-Means Based JPEG Algorithm for Still Image Compression | IJECET & IAEME Publications  ISSN 0976- 6367 (Print), 0976-6375 (Online) | Vol-3,  Issue-1 Pp-339-354 Jan-June-2012 | 1.0425 | 3 |
| 3 | Dr. N.B. Venkateswarlu | CSE | A Novel K-Means Based JPEG Algorithm for Still Image Compression | IJECET & IAEME Publications  ISSN 0976-6367 (Print), ISSN 0976-6375 (Online) | Vol-3,  Issue-1 Pp-339-354 Jan-June-2012 | 1.0425 | 3 |
| 4 | Prof. Ch. Ramesh | CSE | Fast DCT Algorithm using WINOGRAD'S Method | IJECET & IAEME Publications  ISSN 0976-6464 (P), 0976-6472 (O) | Vol-3,  Issue-1 Pp-98-110, Jan-June-2012 | 0.85 | 1 |
| 5 | Dr. N.B. Venkateswarlu | CSE | Fast DCT Algorithm using WINOGRAD'S Method | IJECET & IAEME Publications  ISSN 0976-6464 (P), 0976-6472 (O) | Vol-3,  Issue-1 Pp-98-110, Jan-June-2012 | 0.85 | 1 |

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| 6 | Sri B.Ramesh Naidu | CSE | Framework for Efficient Edge Detection Techniques Comparison Among Robert, Prewitt, Sobel, Robinson, Kirsch and Canny | IJCST & Cosmic Journals  ISSN: 0976-8491 (O), 2229-4333 (P) | Vol.3,  Issue 2, April - June 2012 | 0.289 | - |
| 7 | Sri B.Ramesh Naidu | CSE | Edge Enhancement Based on Fuzzy Logic and Differential Equations | IJCST & Cosmic Journals  ISSN 2229-4333 | Vol.3,  Issue 2, April - June 2012 | 0.289 | - |
| 8 | Sri U.D.Prasan | CSE | Under Water Sensor Networks: Architecture, Research Challenges and Potential Applications | IJERA & IJERA  ISSN: 2248-9622 | Vol-2,  Issue-2,  Pp. 251-256, Mar-Apr-2012 | 1.69 | - |
| 9 | Sri U.D.Prasan | CSE | Scalable and Distributed Mobile Under Water Wireless Sensor Networks for Oceanographic Applications | IJETT & Seventh Sense Research Group.  ISSN: 2231-5381 | Vol-3,  Issue-2,  Pp.138-143, 2012 | 0.537 | - |
| 10 | Prof D.T.V. Dharmajee Rao | CSE | Visual Cryptography using Color Images | IJCSC & Serial Publications  ISSN: 0973-7391 | Vol-3,  Isuue-1,  Pp-221-226, Jan-June 2012, | 0.47 | - |
| 11 | Sri K.Jagadeesh | CSE | A Survey and Qualitative Analysis of Multi Channel MAC Protocols for VANET | IJCA & Foundation of Computer Science, USA  0975-8887 | Vol. 38, Issue-6,  Pp. 38-42, Jan 2012 | 0.814 | - |

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| 12 | Sri K.Jagadeesh | CSE | A Survey on Routing Protocols and its Issues in VANET | IJCA & Foundation of Computer Science, USA  ISSN: 0975 – 8887 | Vol. 28 Issue No.4, Pp.38-43 Aug 2011 | 0.814 | - |
| 13 | Sri Y.Ramesh | CSE | Break Down the Session Riding Attacks (XSRF) with Cryptographic NONCE | IJERA & IJERA  ISSN: 2248-9622 | Vol-2,  Issue-1,  Pp. 1150-1156, Jan-Feb 2012 | 1.69 | - |
| 14 | Sri R.Srinivas | CSE | An Optimized Algorithm For Ringing Region Detection In Compressed Images | IJMER& Research India Publications  ISSN:2249 6645 | Vol-1,  Issue-2,  Pp 261-269, Nov’2011 | 1.227 | - |
| 15 | Sri T.Prabhakara Rao | CSE | “JPEG Coding System Based on Mean Value Predictive Vector Quantization” | IJARCS & IJARCS  ISSN: 0976-5697 | Vol-2,  Issue-5,  Sep-Oct’ 2011 | 3.74 | - |
| 16 | Sri T.Ravi Kumar | CSE | An Efficient and Robust Watermarking Technique Against JPEG Compression Attacks “ | IJARCS & IJARCS  ISSN: 0976-5697 | Vol-2,  Issue-5,  Pp: 96-101, Sep-Oct’ 2011 | 0.572 | - |
| 17 | Prof D.T.V. Dharmajee Rao | CSE | Implementation of Object Oriented Approach to Index Support for Item Set Mining (Imine) | IJMER & Research India Publications  ISSN: 2249-6645 | Vol-1,  Issue-1,  Pp 108-113 Sep’2011 | 1.227 | - |
| 18 | Sri. B. Ramarao | ECE | Dominant mode Resonant Frequency of Circular Micro Strip Antennas with and without Air Gap | IJECET, IJECET | Vol-3, Issue-1, Pp 111-122, Jan-June 2012 | 0.85 | - |

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| 19 | Sri.D.Yugandhar | ECE | Dominant mode resonant frequency of circular micro strip antennas with and without air gap | IJECET, IJECET | Vol-3, Issue-1, Pp 111-122, Jan-June 2012 | 0.85 | - |
| 20 | Prof. A.S. Srinivasa Rao | ECE | Design & analysis of boradband beam space adaptive arrays using FRFT | IJECE, International Research Publication House | Vol-5, Issue-2, Pp 193-206, 2012 | 2.5893 | - |
| 21 | Sri. V. Ashok Kumar | ECE | Design & analysis of boradband beam space adaptive arrays using FRFT | IJECE, International Research Publication House | Vol-5, Issue-2 Pp 193-206, 2012 | 2.5893 | - |
| 22 | Sri. P. V. Murlidhar | ECE | Image masking with 2D fractional Fourier transform window. | IJMRAE, Ascent Publications | Vol.3, No.4, Oct, 2011 | 0.2015 | - |
| 23 | Sri. K. Chidambara rao | ECE | Implementation of low power values low energy synchronous SAPT logic | IJDPS, Academy and Industry Research Coll | Vol-3, Pp-185-194,  Jan 2012 | 1.667 | - |
| 24 | Sri.D.Yugandhar | ECE | Wavelet transforms EDNSS LMS adaptive filters for echo and noise cancellation in speech signal. | IJECE, International Research Publication House | Vol. 4, No.3, Aug 2011 | 2.5893 | - |
| 25 | Prof. A.S. Srinivasa Rao | ECE | An Alternative Approach to Design and Analysis of broad band beam space Adaptive Arrays | IJEST, IJEST | Vol.3, N.9,  pp. 7029- 7036, Sep, 2011. | 3.051 | - |
| 26 | Smt. E. Jaya | ECE | An Alternative Approach to Design and Analysis of broadband beam space Adaptive Arrays | IJEST, IJEST | Vol.3, N.9,  pp. 7029 – 7036, Sept. 2011. | 3.051 | - |

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| 27 | Sri. V. Ashok Kumar | ECE | An Alternative Approach to Design and Analysis of broadband beam space Adaptive Arrays | IJEST, IJEST | Vol.3, N.9,  pp. 7029 – 7036, Sept. 2011. | 3.051 | - |
| 28 | Sri. P.S. N. Murthy | ECE | Performance of Semi-Blind Reference Water marking Scheme using DWT-SVD for Copyright Protection | IJCSIT,  IJCSIT | Vol.3, Issue.2, Feb, 2012 | 0.198 | - |
| 29 | D. Azad | ME | An effective IP algorithm for active IR thermographs:  detecting defects metallic stuffs | International Journal of Multimedia Internet Security;  INDER Science | Vol. 2, Nos. 3/4, 2011  296-319 | - | 02 |
| 30 | Dr. N. Haribabu | ME | Combustion and Performance analysis of DI-Diesel Engine fuelled with Neat Mahua Methyl Ester along with Oxygenated Fuel (DEE) as an additive1 | International Review of Mechanical Engineering;  PWP | Vol. 6,  Issue.1,  pp: 147-152,  Jan’ 2012 | - | 2 |
| 31 | Dr. N. Haribabu | ME | “Study of Single Cylinder di-diesel engine performance fueled with neat coconut oil methyl ester (COME) and methanol as dual fuel” | International Journal of Scientific and Industrial Research;  NISCAIR | Vol.71,  pp:63-68,  Jan’ 2012 | - | 2 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 32 | Sri. P. Murali Krishna | ME | “Studies on hardness of rice husk ash polymer hybrid Nano-Composites by burnishing process” | International Journal of advanced scientific and Technical Research  RS Publications | Vol. 2,  Issue 1,  pp:438-447,  Dec’2011 | 2.94 | 5 |
| 33 | Dr. D. Lingaraju | ME | “Studies on hardness of rice husk ash polymer hybrid Nano-Composites by burnishing process” | International Journal of advanced scientific and Technical Research  RS Publications | Vol. 2,  Issue 1,  pp:438-447,  Dec’2011 | 2.94 | 5 |
| 34. | Sri. P. Murali Krishna | ME | “Effect of post weld heat treatment on the mechanical properties of friction stir welds of dissimilar aluminum alloys" | International Journal of Engineering Science and Technology;  ENGG JP | Issue. 7,  pp:5778-5785,  July’ 2011 | - | 1 |
| 35 | Dr. D. Lingaraju | ME | “Study of the Age Hardening behavior of Aluminum alloy” | International Journal on Science and Technology;  MAEJO International | Vol. 2,  Issue. 3,  pp:135-148,  Sep, 2011 | - | 2 |
| 36 | Dr. D. Lingaraju | ME | “Mathematical Modeling of modified gain Doppler Bearing Extended Kalmass filter for under water tracking” | International Journal of Science and Advanced Technology;  RS Publications | Vol. 1,  Issue 5,  pp:267-273,  July’ 2011 | 2.94 | 5 |
| 37 | Dr. D. Lingaraju | ME | “Characterization and prediction of some engineering properties of polymer - clay/Silica hybrid nanocomposites through ANN and regression models” | Procedia Engineering; Elsevier Publications | Vol. 10,  pp: 9–18,  2011 | - | 3 |
| 38 | Dr. D. Lingaraju | ME | “Alternate materials for Modeling and Analysis of Prosthetic Knee joint” | International Journal of Science and Advanced Technology;  RS Publications | Vol. 1,  Issue 5,  PP: 262-266,  July, 2011 | 2.94 | 5 |
| 39 | Dr. D. Lingaraju | ME | “Study of Roller Burnishing Process of Polymer Silica Hybrid Nanocomposites” | International Journal of Engineering, Science and Metallurgy;  Science PG | Vol. 1,  Issue No.2,  pp:283-289,  2011 | - | 5 |
| 40 | Dr. D. Lingaraju | ME | “Regression Analysis of mechanical Properties of Carbon-Fabric Polymer Hybrid Nano Composites” | International Journal of Design & manufactur-ing Technologies;  INDER Science | Vol-5, Issue No.2, pp:22-28,  2011 | - | 4 |
| 41 | Dr. D. Lingaraju | ME | “Doppler-bearing passive target tracking system for underwater target detection using modified gain EKF” | International Journal on intelligent electronic systems;  INDER Science | Vol-5,  Issue No.2,  pp: 16-24,  2011 | - | 5 |
| 42 | Dr. G.R.S. Murthy | IT | Computer Vision Based Human Computer Interaction | Journal of Artificial Intelligence, ANSI Journals | Vol-4  Issue-4, Pp. 245-256  Dec 2011 | - | 2 |
| 43 | Mr. B.V. Ramana | IT | Liver Classification Using Modified Rotation Forest | IJERD & International Journal of Engineering Research Development | Vol-1  Issue-6  Pp: 17 to 24  June 2012 | - | 1 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 44 | Mr. B.V. Ramana | IT | A Critical Comparative Study of Liver Patients from USA and INDIA : An Exploratory Analysis | IJCSI & International Journal of Computer Science Issues, Mahébourg, Mauritius | Vol-9  Issue-2  Pp: 506 to 516  May 2012 | 0.242 | 8 |
| 45 | Mr. M. Jayamanmadha Rao | EIE | Analysis of Ternary and Binary high resolution codes using MATLAB | International Journal of Computer Science and Engineering | Vol. 2, No.6,  Pp 924 – 929,  Dec2011- Jan 2012  ISSN:0976-5166 | 2.52 | - |
| 46 | Dr. K.S. Srikanth | EIE | Design and Implementation of Distributed  Space-Frequency to Achieve Cooperative Diversity in Wireless Relay Networks | Network and Complex Systems | Vol 1, No.1,  Pp 1-9  Dec, 2011  ISSN:2224-610X (P)  2225-0603 (O) | 5.54 | - |
| 47 | Mr. B. Anil Kumar | EIE | Implementation of Precompensation Fuzzy for a cascade PID controller using MATLAB Simulink | Control Theory and Informatics | Vol. 1, Issue 1,  Pp.1-5,  Nov 2011  ISSN:2224-5774 (P)  2225-0492 (O) | 5.58 | - |
| 48 | Mr.G.S.S.S.S.V. Krishna Mohan | EIE | Implementation of Precompensation Fuzzy for a cascade PID controller using MATLAB Simulink | Control Theory and Informatics | Vol. 1, Issue 1,  Pp.1-5,  Nov 2011  ISSN:2224-5774 (P)  2225-0492 (O) | 5.58 | - |

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| 49 | Mr. A.V.N. Vamsi | EIE | The Tent Chaotic mapping: Analysis for generation of Binary codes for better performance using MATLAB | Innovative Systems Design and Engineering | Vol. 2, Issue 7, Nov 2011  Pp.78-83  ISSN:2222-1727 (P)  2222-2871 (O) | 6.94 | - |
| 50 | Mr.G.S.S.S.S.V. Krishna Mohan | EIE | The Tent Chaotic mapping: Analysis for generation of Binary codes for better performance using MATLAB | Innovative Systems Design and Engineering | Vol. 2, Issue 7, Nov 2011  Pp.78-83  ISSN: 2222-1727 (P)  2222-2871 (O) | 6.94 | - |
| 51 | Mr. M.S.P.K. Patnaik | EIE | The Tent Chaotic mapping: Analysis for generation of Binary codes for better performance using MATLAB | Innovative Systems Design and Engineering | Vol. 2, Issue 7, Nov 2011,  Pp.78-83,  ISSN:2222-1727 (P)  2222-2871 (O) | 6.94 | - |
| 52 | Mr. M. Jayamanmadha Rao | EIE | Image fusion Algorithm for impulse noise reduction in digital images | Global Journal of Computer Science and Technology | Vol. 11, Issue 12, July 2011  Pp.53-58  ISSN:0975-4172 (O)  0975-4350 (P) | 1.494 | 4 |
| 53 | Mr. GSN Murthy | MCA | Learning Number of clusters in unlabeled datasets using Rotation Estimation | IJERA & IJERA | Vol. 2, Issue. 2, Pp 41-45, March-April, 2012. | 1.69 | 1 |
| 54 | Mr. T.Naresh | MCA | Learning Number of clusters in unlabeled datasets using Rotation Estimation | IJERA & IJERA | Vol. 2, Issue.2, Pp 41-45, March-April, 2012. | 1.69 | - |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 55 | Mr. T.Naresh | MCA | Breakdown the session riding attacks with cryptographic NONCE | IJERA & IJERA | Vol. 2, Issue. 2, Pp:1150-56,  Jan-Feb, 2012 | 1.69 | - |
| 56 | Mr. S.Vishnu Murthy | MCA | Learning subject areas by using un supervised observation of most informative terms in text data bases | IJERA & IJERA | Vol. 2, Issue. 1, Pp 1040-1049, Jan-Feb, 2012. | 1.69 | - |
| 57 | Mr. T.Naresh | MCA | Learning subject areas by using un supervised observation of most informative terms in text data bases | IJERA & IJERA | Vol. 2, Issue. 1, Pp 1040-1049, Jan-Feb, 2012. | 1.69 | - |
| 58 | Mr. GSN Murty | MCA | Automation of data cluster based on layered HMM | IJCSIT & Tech Science Publications | Vol. 2, Pp 607-610,  Dec-2011 | 2.93 | - |
| 59 | Dr.A.Lakshmana Rao | BS&H | Studies on inventory model for deteriovatiry items with weiball replenishment and generalized pareto decay having demand as function of both selling price and time | National Journal Asian Academic Research Journal of Multi disciplinary | Vol. I,  Pp. 76-92 | 1.4 | - |

**15. Honors / Awards to the faculty:** NIL

**16. Internal resources generated:** NIL

**17. Details of departments getting SAP, COSIST (ASSIST)/DST.FIST, etc. and assistance / recognition:** NIL

**18. Community Services:**

AITAM offers various services to the underprivileged sections of the Society:

* Blood Donation Camps organized in association with Indian Red Cross Society.
* Distribution of Fruits, at Govt. Hospital, Tekkali to all its in-patients.
* Distribution of Books, Stationery & other school items at K. Kotturu village.
* A health camp was conducted at the behest of the extension activities committee of AITAM, Tekkali at Lankapadu, a nearby village.
* AITAM conducted an awareness camp on vaccination to rural woman at Chakipalli, a nearby village.
* A workshop on candle manufacturing for rural women was conducted by AITAM in the high school premises of K. Kotturu.

**19. Teachers and officers newly recruited:**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Name** | **Dept.** |
| 1 | Sri G.Stalin Babu | CSE |
| 2 | Ms. Prasanna Kumari | CSE |
| 3 | Sri L.V. Satya Narayana | CSE |
| 4 | Sri P. Ram Kishore | CSE |
| 5 | Sri D. Prakasha Rao | CSE |
| 6 | Dr. G. Sateesh Kumar | ECE |
| 7 | Sri M.V. H. B. Murthy | ECE |
| 8 | Sri T. Viswanadham | ECE |
| 9 | Smt. E. Jaya | ECE |
| 10 | Smt. J. Swathi | ECE |
| 11 | Sri M. Bala Krishna | ECE |
| 12 | Dr. D. Vijaya Kumar | EEE |
| 13 | Sri B. Manmadh Kumar | EEE |
| 14 | Sri A. Srinivasa Rao | ME |
| 15 | Sri P. Sateesh | ME |
| 16 | Ms. M. Karuna | ME |
| 17 | Smt. S. K. Madhavi | ME |
| 18 | Sri M. Vinodbabu | IT |
| 19 | Sri R. Ashokkumar | IT |
| 20 | Sri CH. Kannam Naidu | Civil |
| 21 | Sri G.Gowri Sankar Rao | Civil |
| 22 | Sri M. Balakrishna | BS&H Chemistry |
| 23 | Sri N. Nageswararao | BS&H Physics |
| 24 | Sri K.P. Suryanarayana | BS&H Mathematics |

**20. Teaching – Non-Teaching staff ratio:**

175:103 (≈1.5:1)

**21. Improvements in the library services:**

Total No. of Volumes Added : 3016 (Accession Number 32114)

Total No. of Titles Added : 428

Total No. of Projects Added : 299

Total No. of CDs/Software added : ----

**22. New books / journals subscribed and their cost:** 428/50, Rs.14.91 Lakhs

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:**

The College gets the assessment of the students on their teachers in the name of feedback for all courses during the middle & end of each semester in all years. And every teacher will be assessed by each and every student of his class for the subject he taught. And precautionary / cautionary measures are put into practice.

**24. Unit cost of education:**

Average unit cost Rs. 66,980/-

**25. Computerization of administration and the process of admission and examination results, Issue of certificates:**

* Administration - Office Automation is in the process
* Admission - Online process for web based counseling done by the Govt. of A.P. for convener quota seats, and

- manual / through AITAM website for B category seats

* Examination Results - JNT University, Kakinada through their web portals & the same will be updated on the college website.
* Certificate issued by the JNTUK through AITAM

**26. Increase in the infrastructural facilities:**

1. Additional dining hall to boys hostel is provided.
2. A New block (covered around 70,000 sft. for Mechanical and Civil depts.) is under construction.
3. Additional Ladies hostel is provided.
4. Additional Boys hostel is also arranged.
5. New lab for Civil Engineering - Surveying Lab is set up.

**27. Technology up-gradation:**

* MSDN will be upgraded every academic year.
* Software packages like Visual Studio, .Net, Pro 2003, IBM Rational Enterprise Suite, Turbo C++, VHDL (ECAD Lab)
* Symantec Endpoint Protection – 11.0 is updated as antivirus for Window Systems.

**28. Computer and internet access and training to teachers and students:**

* All the labs in the different departments are connected with lease line internet (1:1\*16Mbps) connectivity.
* Separate net connection is provided to the faculty in the staff room, department library and also in the cabins of all Heads of the Departments.
* Wi-Fi facility is provided in the college campus.
* Digital Library is equipped with modern facility, internet connectivity with provision for usage by 30+ students.

**29. Financial aid to students:**

* Fee concession is assured for meritorious students by the Management
* Govt. Scholarship to the reservation category students
* For Financially/Economically poor students, AITAM Management provides high

concession in regular fee.

**30. Support from the Alumni Association and its Activities:**

* Alumni Association helps in providing LIVE projects, placements in their companies

/ sometimes refer their juniors to other companies.

* Arranging Guest Lectures from the Alumni on general / subject topics
* Arranging meetings at regular intervals with the Alumni Association.

**31. Support from the Parent-Teacher Association and its Activities:**

* The college organizes Parents Teachers Interaction meeting with the parents at regular intervals on the regularity of the students, discipline, academic/ non-academic performance.
* Two way type of interaction with the parents to generate new ideas about strengthening of the academic / non-academic activities.
* Sometimes parents come forward helping in getting placements through their contacts.
* Intimation to parents about the behavior, attendance & other in-disciplinary matters of the students will be informed through College Management System (CMS)

**32. Health Services:**

Every care is taken to provide medical facilities to all students and teachers round the clock in the college campus.

* Number of Medical practitioners : 01
* Number of nursing staff : 02
* No. of First aid kits : 30
* No. of Beds : 04
* No. of Stretchers : 02
* No. of wheel chairs : 01
* Other Accessories like B.P. Apparatus, Tablets, Ointments, Cotton and Bandage.
* # of ambulances within the Institute / college - **01**
* Facilities in ambulances: **Stretcher, Ventilator, First-Aid Kit, etc….**

**Nearby Medical facility:**

* Govt. Hospital, Tekkali (5 kms away from college)
* Govt. Hospital, Kotabommali (8 kms away from college)
* RIMS Hospital, Srikakulam (40 kms away from college)
* KIMS super specialty Hospital, Srikakulam (40 kms away from college)
* Psychiatric counseling is available in the campus by a qualified doctor.
* Apart from that, the senior faculty of the institution trained in counseling also takes part.

**33. Performance in sports activities:**

Every year students perform their mettle and prove their sportsmanship in all the events that they participate in college, inter-university, state and national level competitions.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Name of the student** | **Competition** | **Organized by** | **Dates** | **Award** |
| 1 | 1. Vijay Kumar | South Zone Inter University - Foot Ball (Men) | University of Kerala, Thrivendrum | 01-10-11 to 07-10-11 | Participation |
| 2 | D. Prakash | South Zone Inter University-Hockey (Men) | Anna University of Technology (TN) | 16-12-11 to 21-12-11 | Participation |
| 3 | Y. Jeevana Rao | South Zone Inter University-Hand Ball (Men) | Kakatiya University, Warangal (AP) | 13-01-12 to 17-01-12 | Participation |
| 4 | S. Somesh Kumar | South Zone Inter University-Hand Ball (Men) | Kakatiya University, Warangal (AP) | 13-01-12 to 17-01-12 | Participation |
| 5 | J. Gopal Rao | All India Inter University-Weight, Power Lifting, Best Physique (Men) | Guru Nanak Dev University, Amritsar (Punjab) | 29-01-12 to  31-01-12 | Participation |
| 6 | K. Bala Murali Krishna | All India Inter University - Ball Badminton (Men) | Mangalore University, Karnataka | 2012 | Participation |
| 7 | L. Abhilash | All India Inter University - Weight, Power Lifting, Best Physique (Men) | Guru Nanak Dev University, Amritsar (Punjab) | 29-01-12 to  31-01-12 | Participation |

**34. Incentives to outstanding sportspersons:**

The outstanding performance of the students in sports has been encouraged with the following incentives.

1. Cash prize
2. Track suit
3. Prizes / mementos
4. Fee concession

**35. Student achievements and awards:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Name** | **Class** | **Branch** | **Achievement / Award** |
| 1 | S. Govinda | II-I | ECE | 6th University Rank |
| 2 | S. Govinda | II-II | ECE | 6th University Rank |
| 3 | K.Bala Surya | III | CSE | Dance Competition, Gemini TV, 1st |
| 4 | K.Bhagya Kumari | III | CSE | Project Review, Infosys Project Review, 2nd |
| 5 | M.Devika | III | CSE | Hindu Eplus Club Cricket, Consolation |
| 6 | A.Mounika | III | CSE | Paper Presentation, SISTAM, 1st |
| 7 | K.Sowjanya | III | CSE | Poster Presentation, JNTU, Viziyanagram 3rd |
| 8 | M.Laxmi Priya | III | CSE | Paper Presentation, Prajna (Techzone), 2nd |
| 9 | V.Sowjanya | III | CSE | Paper Presentation, KL University, Consolation |
| 10 | N.Madhuri | III | CSE | Paper Presentation, Pydah College, 2nd |
| 11 | N.Madhuri | III | CSE | Quiz, Pydah College, 2nd |
| 12 | M.Laxmi Prasanna | III | CSE | Paper Presentation, MVGR (Spartans), 3rd |
| 13 | P.Geetanjali | III | CSE | Paper Presentation, Pydah College, Consolation |
| 14 | K.Susmitha | III | CSE | Paper Presentation, SISTAM, 3rd |
| 15 | S.Sudheer Kumar | III | CSE | Poster Presentation, AITAM (ETRIX), 3rd |
| 16 | P.Gowthami | III | CSE | Project Review, Infosys Project Review, 2nd |
| 17 | P.Veda Vyas | III | CSE | Paper Presentation, Pydah College, 2nd |
| 18 | R.Pavani | III | CSE | Poster Presentation, Prajna College, 3rd |
| 19 | R.Pavani | III | CSE | Quiz, Prajna College, 2nd |
| 20 | M.Gowthami | III | CSE | Poster Presentation, GITE, Consolation |
| 21 | M.Sowndarya | III | CSE | Quiz, JNTU, Viziyanagram, 3rd |
| 22 | P.Drakdhaveni | III | CSE | Paper Presentation, Sarada College, 2nd |
| 23 | P.Prema Kumari | III | CSE | Quiz, Pydah College, 3rd |
| 24 | S.Pratyusha | III | CSE | Paper Presentation, SISTAM College, Consolation |
| 25 | A.Vivekananda,  Ch.Ajay Kumar | IV | CSE | Android 2K11, SISTAM, SKLM, 1st |
| 26 | M. Satish Kumar,  V.Tata Rao | IV | CSE | Android 2K11, SISTAM, SKLM, 1st |
| 27 | V.Sunita,  N.Spandana | IV | CSE | EKATRA, GVP, Vizag, 1st |
| 28 | M.Madhu Sri,  M. Satish Kumar | III &  IV | CSE | Android, 2K11 SISTAM, SKLM, 1st |
| 29 | V.Srinivasa Patnaik | III | EEE | 1st Prize in Vidyotha, PITAM |
| 30 | P.Dilip Kumar | III | EEE | 1st Prize in Vidyotha, PITAM |
| 31 | V.Yamini | III | EEE | 2nd Prize in EEFLUX-11, SISTAM |
| 32 | R.Sravani | III | EEE | 2nd Prize in EEFLUX-11, SISTAM |
| 33 | V.Tulasi | III | EEE | 2nd Prize in EEFLUX-11, SISTAM |
| 34 | Y.Lalita Kumari | III | EEE | 2nd Prize in EEFLUX-11, SISTAM |
| 35 | T. Siva Priya | III | EEE | 2nd Prize in EEFLUX-11,SISTAM |
| 36 | S. Ravi KIRAN | III | EEE | 2nd Prize in ELDORADO2K12 |
| 37 | P.Dilip Kumar | III | EEE | 1st Prize in ELDORADO2K12 |
| 38 | P.Dilip Kumar | III | EEE | 1st Prize in TEXPERIA12,PITAM |
| 39 | L.Badrinath | III | EEE | 1st Prize in TEXPERIA12,PITAM |
| 40 | Korada Pratyusha | III | ME | Gold Medal |
| 41 | Malla Geetha Prasad | III | ME | Silver Medal |
| 42 | Potnuru Hareesh | II | ME | Gold Medal |
| 43 | Pappala Rama Krishna | II | ME | Silver Medal |
| 44 | Pulari Jagadeesh | I | ME | Gold Medal |
| 45 | N Manoj Prabhakar | I | ME | Silver Medal |
| 46 | G.Manikanta  G. Santoshi Renuka | III | IT | 1st Prize in Paper Presentation (Wireless Communication) in Avanthi Engineering College (29th-30th Sep 2011) |

**36. Activities of the Career Guidance and Placement Cell:**

CGC gives a platform to all interested students to learn the necessary subjects to appear for different kinds of competitive examinations.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Title** | **Resource Persons** | **Dates** | **No. of students attended** |
| 1 | Personality Development | Squadron Leader Jayasimha | 17th & 18th Aug, 2011 | 1200 |
| 2 | Interview Process Success TIPC | S. Venkateshwaran, HR, Syntel, | 21-08-2011 | 180 |
| 3 | How to win an interview? | Jayasree Venkat | 21-08-2011 | 180 |
| 4 | Infosys Campus Connect Road Show (emphasis on various initiatives of campus connect-FP, Soft Skills, SPARK, Aspirations 2020, etc. | K. Sudheer Reddy | 09/10/2011 | 120 |
| 5 | Employability Skills | M. S. R. Murthy, TCS, Hyderabad | 02/03/2012 | 200 |
| 6 | Workshop on Teaching Methodologies | Mohanan Cheichery, Mission 10X | 02/10/2012 | 75 |
| 7 | Personality Development | Syed Noor MdShakir, | 15-02-2012 | 200 |
| 8 | Employability Skills | Jyotiramay Jena, TCS, Hyderabad | 04/12/2012 | 200 |
| 9 | Employability Skills | Satya Thopalli, Mahindra Satya, HYD | 05/05/2012 | 200 |
| 10 | Conducted Awareness Seminar on “Importance of GATE” with the help of Gateforum-Vizag. | Mr. K. S. Rao | 28.09.2011 | 264 |
| 11 | Sponsored Students to Attend Training at ATI-EPI, Hyderabad | \*\*\* | 28.11.2011 to 02.12.2011 | 13 |
| 12 | Conducted National Level Workshop on MATLAB | CGC | 17.12.2011 | 250 |



**37. Placement services provided to students:**

The Training and Placement Cell with its internal training team gives enough inputs to all students from second year onwards to excel any kind of campus recruitment drive. The placement team tries hard to invite several companies to offer employment opportunity to the students of this institution.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Roll No** | **Name of the Student** | **Branch** | **Name of the Company** |
| 1 | 08A51A0501 | Abothula Kala Rao | CSE | Scope services |
| 2 | 08A51A0504 | Ambati Balakrishna | CSE | Hidden Brains |
| 3 | 08A51A0505 | Ampolu Rama Kumari | CSE | Infosys |
| 4 | 08A51A0507 | Ashok Kumar Rejeti | CSE | Zepinfratech |
| 5 | 08A51A0513 | Balli Balakrishna | CSE | Miracle Soft |
| 6 | 08A51A0519 | Belamara Manmadharao | CSE | Miracle Soft |
| 7 | 08A51A0521 | Borra Vikram | CSE | Zepinfratech |
| 8 | 08A51A0524 | Chindurupu Lakshmi Bhavani | CSE | Miracle Soft |
| 9 | 08A51A0525 | Chinta Dileep Chandra | CSE | Miracle Soft |
| 10 | 08A51A0528 | Chintada Sruthi | CSE | Miracle Soft |
| 11 | 08A51A0531 | Dharmapuri Gautam | CSE | Zepinfratech |
| 12 | 08A51A0533 | Garbhaka Manasa | CSE | Hidden Brains |
| 13 | 08A51A0536 | Gunna Swapna | CSE | Hidden Brains |
| 14 | 08A51A0541 | Jamana Jayakrishna | CSE | Hidden Brains |
| 15 | 08A51A0542 | Jami Avinash | CSE | Hidden Brains |
| 16 | 08A51A0544 | K Jayasri | CSE | Hidden Brains |
| 17 | 08A51A0545 | Kalamata Keerti | CSE | Infosys |
| 18 | 08A51A0548 | Kanapaka Raja Rathnam Naidu | CSE | phenomena |
| 19 | 08A51A0551 | Karanam Ramesh | CSE | Zepinfratech |
| 20 | 08A51A0553 | N V A Naidu | CSE | phenomena |
| 21 | 08A51A0554 | Kintali Sravani | CSE | Infosys |
| 22 | 08A51A0555 | Kintali Harish | CSE | phenomena |
| 23 | 08A51A0556 | Koda Sadhana | CSE | Scope services |
| 24 | 08A51A0560 | Koti Jyothsna Hyde | CSE | phenomena |
| 25 | 08A51A0569 | Manikyam Anil | CSE | Sasken Technologies |
| 26 | 08A51A0570 | Moningi Satish | CSE | Infosys |
| 27 | 08A51A0571 | N R Amar | CSE | Hidden Brains |
| 28 | 08A51A0577 | Paila Tirumala Rao | CSE | Phenomena |
| 29 | 08A51A05A2 | Tangudu Anusha | CSE | Infosys |
| 30 | 08A51A05A8 | Vana Tatarao | CSE | Scope services |
| 31 | 08A51A05B7 | Vysyaraju Sunitha | CSE | Infosys |
| 32 | 08A51A0531 | Dharmapuri Gautam | CSE | Hidden Brains |
| 33 | 07A51A0418 | Ch. Muralidhar | ECE | Hidden Brains |
| 34 | 08A51A0401 | Annepu Sharhmila | ECE | Zepinfratech |
| 35 | 08A51A0402 | Appikonda Narendra | ECE | Zepinfratech |
| 36 | 08A51A0404 | Ashok Kumar Pakki | ECE | Miracle Soft |
| 37 | 08A51A0405 | Baipalli Namrata Rao | ECE | Hidden Brains |
| 38 | 08A51A0407 | Bandapalli Koteswara Rao | ECE | Miracle Soft |
| 39 | 08A51A0408 | Banisetty Santosh Balajee | ECE | Infosys |
| 40 | 08A51A0412 | Barre Gnani Ashok | ECE | Zepinfratech |
| 41 | 08A51A0416 | Appalasuryanarayana Bora | ECE | Miracle Soft |
| 42 | 08A51A0418 | Boyina Srinu | ECE | Zepinfratech |
| 43 | 08A51A0423 | Chinnala Janakamma | ECE | Miracle Soft |
| 44 | 08A51A0428 | Dasari Shiva | ECE | Miracle Soft |
| 45 | 08A51A0429 | Donkada Pavan Kumar Patnaik | ECE | Zepinfratech |
| 46 | 08A51A0430 | Dunna Hari Krishna | ECE | Infosys |
| 47 | 08A51A0431 | D. Ramanandesam Chowdary | ECE | Miracle Soft |
| 48 | 08A51A0435 | Ganti Surya Siva Srikanth | ECE | Zepinfratech |
| 49 | 08A51A0437 | Gona P V Raghavendra Rao | ECE | Miracle Soft |
| 50 | 08A51A0442 | Hari Bhanu Prakash | ECE | Zepinfratech |
| 51 | 08A51A0446 | Jami Divya | ECE | Miracle Soft |
| 52 | 08A51A0449 | Kadupu Madhu | ECE | Miracle Soft |
| 53 | 08A51A0452 | Kanchu Santoshi | ECE | Zepinfratech |
| 54 | 08A51A0456 | Kintali Sravan Kumar | ECE | Hidden Brains |
| 55 | 08A51A0462 | Kuna Kesava Rao | ECE | Zepinfratech |
| 56 | 08A51A0464 | Laveti Rambabu | ECE | Zepinfratech |
| 57 | 08A51A0469 | Miriapalli Santoshi | ECE | Scope Services |
| 58 | 08A51A0471 | Moyya Venkatesh | ECE | Infosys |
| 59 | 08A51A0472 | Muddada Jagadeesh | ECE | Scope services |
| 60 | 08A51A0475 | Nadakudhati V Sai Teja Sriharsha | ECE | Zepinfratech |
| 61 | 08A51A0478 | Padala Mohanarao | ECE | Zepinfratech |
| 62 | 08A51A0484 | Pedada Madhavi Latha | ECE | Scope Services |
| 63 | 08A51A0499 | Sakalabattula Sravani | ECE | Infosys |
| 64 | 08A51A04A5 | Sakalabakthula Santosh | ECE | Zepinfratech |
| 65 | 08A51A04A8 | Talluru Ramakrishna Babu | ECE | Zepinfratech |
| 66 | 08A51A04B4 | Akkinapalli Venkata Pradeep Chandra | ECE | Zepinfratech |
| 67 | 08A51A04B5 | Vana Satya Priyanka | ECE | Infosys |
| 68 | 08A51A04B6 | Vandana Venkata Durga Santosh | ECE | Zepinfratech |
| 69 | 08A51A04B7 | Vanjarapu Rajendra Kumar | ECE | Zepinfratech |
| 70 | 08A51A04C0 | Yadam Tavitayya | ECE | Scope Services |
| 71 | 08A51A0442 | Hari Bhanu Prakash | ECE | Hidden Brains |
| 72 | 08A51A04B4 | Akkinapalli Venkata Pradeep Chandra | ECE | Scope services |
| 73 | 08A51A04B6 | Vandana Venkata Durga Santosh | ECE | Hidden Brains |
| 74 | 08A51A0203 | Bhyri Janaki Ram | EEE | Hidden Brains |
| 75 | 08A51A0205 | Bommali Surya Kiran | EEE | Scope Services |
| 76 | 08A51A0207 | Namballa Chaitanya Kumar | EEE | Scope Services |
| 77 | 08A51A0209 | Chanthati Yadesh | EEE | Infosys |
| 78 | 08A51A0210 | Chintu Sundara Rao | EEE | Concast Ferro |
| 79 | 08A51A0213 | Dola Ramu | EEE | Varam Powers |
| 80 | 08A51A0218 | Ganta Ganesh | EEE | Varam Powers |
| 81 | 08A51A0219 | Gantala Anil Kumar | EEE | Hidden Brains |
| 82 | 08A51A0221 | Ginni Satyanarayana | EEE | Concast Ferro |
| 83 | 08A51A0224 | Kalyani Dileep Kumar | EEE | Concast Ferro |
| 84 | 08A51A0227 | Killamsetti Tirumala | EEE | Varam Powers |
| 85 | 08A51A0230 | Kuppili Santosh Kumar | EEE | Concast Ferro |
| 86 | 08A51A0231 | Laveti Sudhakar | EEE | Infosys |
| 87 | 08A51A0238 | Paila Murali Krishna | EEE | Zepinfratech |
| 88 | 08A51A0245 | Pulla Tulasi Rao | EEE | Zepinfratech |
| 89 | 08A51A0248 | Shaik Basha | EEE | Zepinfratech |
| 90 | 08A51A0252 | Thyadi Rajkumar | EEE | Hidden Brains |
| 91 | 08A51A0255 | Vyda Hema Latha | EEE | Varam Powers |
| 92 | 08A51A0256 | Yebella Bhadrayya | EEE | Zepinfratech |
| 93 | 08A51A0257 | Yalla Tirumala Rao | EEE | Varam Powers |
| 94 | 08A51A0260 | Yenda Kiran Kishore | EEE | Zepinfratech |
| 95 | 08A51A0261 | Bantu Ganesh | EEE | Scope Services |
| 96 | 09A55A0202 | Pagoti Giribabu | EEE | Infosys |
| 97 | 08A51A1206 | Chilakapati Pratyusha | IT | Hidden Brains |
| 98 | 08A51A1208 | Doki Santosh Kumar | IT | Scope Services |
| 99 | 08A51A1211 | G. Umamaheswara Rao | IT | Hidden Brains |
| 100 | 08A51A1212 | Gudla Divyasai | IT | Hidden Brains |
| 101 | 08A51A1215 | Kanchari B Anusha | IT | Scope Services |
| 102 | 08A51A1217 | Killamsetti Prasanthi | IT | Value Labs |
| 103 | 08A51A1218 | Kotturu Lavanya | IT | Scope Services |
| 104 | 08A51A1220 | Malla Venkata Lakshmi | IT | Value Labs |
| 105 | 08A51A1225 | Pukkalla Rupavathi | IT | Scope Services |
| 106 | 08A51A0306 | Basava Vineela | ME | Varam Power |
| 107 | 08A51A0307 | Basina Gowree Sankara Rao | ME | Ram Tech |
| 108 | 08A51A0308 | Behara Suresh Kumar | ME | Varam Power |
| 109 | 08A51A0311 | Boddepalli Umamahesh | ME | Varam Power |
| 110 | 08A51A0319 | Garrepalli Venkata Kameswara Rao | ME | Varam Power |
| 111 | 08A51A0322 | Ilapanda Lavanya | ME | Concest Ferro |
| 112 | 08A51A0325 | Keshav Kumar | ME | Concest Ferro |
| 113 | 08A51A0326 | Kiran Kumar Yandrapu | ME | Concest Ferro |
| 114 | 08A51A0328 | Korada Ramjee | ME | Infosys |
| 115 | 08A51A0333 | Maroju Nagaraju | ME | Croniment |
| 116 | 08A51A0335 | Mula Chandrasekhar | ME | Croniment |
| 117 | 08A51A0336 | Mutta Bhagyasri | ME | Croniment |
| 118 | 08A51A0338 | Namagiri Venkatesh | ME | Scope services |
| 119 | 08A51A0339 | Narayanasetti Swarnarama | ME | Croniment |
| 120 | 08A51A0341 | Palavalasa Kalyani | ME | Croniment |
| 121 | 08A51A0350 | Potnuru Srinivasa Rao | ME | Ram Tech |
| 122 | 08A51A0352 | Rajapantula Sarath | ME | Scope services |
| 123 | 08A51A0360 | V Krishna Kanth | ME | Ram Tech |
| 124 | 09A55A0304 | Karra Girish | ME | Chitavalasa Jute |
| 125 | 08A51A1003 | Appini Khagesh | EIE | AITAM |
| 126 | 08A51A1010 | K Hari Hara Reddy | EIE | Zepinfratech |
| 127 | 08A51A1014 | Paddana Hemamalini | EIE | Aitam |
| 128 | 08A51A1015 | Padhi Gopala Krishna | EIE | Ncs Sugurs |
| 129 | 08A51A1027 | Tripurana Nitesh | EIE | Zepinfratech |
| 130 | 09A51F0002 | Attada Appana | MCA | Miracle Software Systems |
| 131 | 09A51F0004 | Barre Udaya Chaitanya | MCA | Scope Servcies |
| 132 | 09A51F005 | Behara Bhagyasree | MCA | Scope Servcies |
| 133 | 09A51F0014 | Harischqanra Chowdary | MCA | Hidden Brains |
| 134 | 09A51F0016 | Konedrpu Siva Kumar | MCA | Scope Servcies |
| 135 | 09A51F0017 | Korada Sowmya | MCA | Scope Servcies |
| 136 | 09A51F0020 | Metta Anusha | MCA | Miracle Software Systems |
| 137 | 09A51F0021 | Mongi Naresh | MCA | Miracle Software Systems |
| 138 | 09A51F0025 | Pogiri Deepika | MCA | Miracle Software Systems |
| 139 | 09A51F0027 | Rajesh Tirlangi | MCA | Scope Servcies |
| 140 | 09A51F0031 | Silla Sravanti Kumari | MCA | Hidden Brains |
| 141 | 09A51F0032 | Voona Sowndrya | MCA | Miracle Software Systems |
| 142 | 09A51F0037 | Tammineni Venkata Kishore | MCA | Hidden Brains |
| 143 | 09A51F0041 | Vaddi Gowathami | MCA | Hidden Brains |
| 144 | 09A51F0046 | Radhakrishna Bodala | MCA | Hidden Brains |
| 145 | 10A51E0022 | Vuppada. Gayathri | MBA | Husys Consulting |
| 146 | 10A51E0056 | Uday Kumar | MBA | HDFC LIFE |
| 147 | 10A51E0006 | Shesirekha | MBA | HDFC LIFE |
| 148 | 10A51E0037 | Narendhra Kumar | MBA | HDFC LIFE |
| 149 | 10A51E0028 | Koteswara Rao | MBA | HDFC LIFE |
| 150 | 10A51E0003 | A. Kavitha Rani | MBA | Girnar Technologies |
| 151 | 10A51E0019 | Dinesh Kumar Sudarasanam | MBA | HDFC BANK |
| 152 | 10A51E0049 | Sana Vinayak | MBA | HDFC BANK |
| 153 | 10A51E0037 | P Narendra Kumar | MBA | HDFC BANK |
| 154 | 10A51E0010 | Bijayashri Behera | MBA | FMCG |
| 155 | 10A51E0029 | Kuna Pallavi | MBA | FMCG |
| 156 | 10A51E0027 | Korada Manjusha | MBA | FMCG |
| 157 | 10A51E0033 | Monasini Sahu | MBA | FMCG |
| 158 | 10A51E0022 | Gayathri Vuppada | MBA | FMCG |
| 159 | 10A51E0052 | Shaik Kareem Jani | MBA | FMCG |
| 160 | 10A51E0054 | Sowroth Ajay Raj | MBA | FMCG |
| 161 | 10A51E0008 | Bhargava Bammidi | MBA | FMCG |
| 162 | 10A51E0020 | G Dilip Kumar | MBA | FMCG |
| 163 | 10A51E0050 | Sangeetha Mohanthy | MBA | FMCG |
| 164 | 10A51E0003 | Arpula Kavitharani | MBA | FMCG |
| 165 | 10A51E0059 | Y Giri Raju | MBA | Angle Broking |
| 166 | 10A51E0002 | Anuradha Akula | MBA | Angle Broking |
| 167 | 10A51E0045 | Ramalakshmi Balivada | MBA | Angle Broking |
| 168 | 10A51E0015 | Bugatha Naga Sai | MBA | Angle Broking |
| 169 | 10A51E0057 | Vamaravilli Sujan Kumar | MBA | Angle Broking |
| 170 | 10A51E0028 | Koteswara Rao Gurija | MBA | Angle Broking |

**38. Development programmes for non-teaching staff:**

A separate emphasis is laid on the development programs for non-teaching staff to improve their work efficiency in a view to support teaching staff with these imparted skills.

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| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Organized by** | **Title** | **Resource Persons** | **Dates** | **No. of Participants** |
| 1 | CSE, IT & MCA | A One-Day Workshop on “UNIX Installation” | Mr. B. Kishore Kumar,  Asst. Prof., IT, AITAM | 16.12.2011 | 5 |
| 2 | ECE & EIE | Trouble Shooting & Maintenance of Electronic Equipment | Mr. R. Srinivasa Rao | 6-7, July, 2011 | 5 |
| 3 | ECE & EIE | Trouble Shooting & Maintenance of Electronic Equipment | Sri. K. Nagabhusanam, Ramakrishna Transform Ltd, Maintenance Engineer | 6-7, July, 2011 | 4 |
| 4 | ME | A One Day Workshop on “Introduction to CNC Turning & Milling” | Sri A. Srinivasa Rao | 21st Sep, 2011 | 7 |

**39. Best practices of the institution:**

* The Institution has a clear Vision, Mission and Strategic Growth Plans.
* It formed a Governing Body with representatives of State Govt., the University and the Stake-holders; and conducts Meetings at regular intervals.
* Decentralization and delegation of responsibilities through various Committees & Cells.
* Faculty Recruitment through advertisement & selection committees.
* Ample opportunities for personal and professional growth.
* Regular self and performance appraisals for faculty and staff.
* Unique HR Policies to retain talented faculty members.
* Regular Budgeting towards planned expenditure and growth.
* Periodic sending of SMS alerts to all students on important issues.
* Progress Reports to all the parents informing their wards’ progress.
* Touch screen computer system at the main entrance of the college to facilitate both the students and parents to monitor their progress.
* Students will be rewarded with an amount of Rs. 500, if they secure 99% of attendance.
* Rs. 5000 will be given as a reward to those meritorious students who secure University ranks.
* Rs. 500 will be given as a token of appreciation to those students who get first prizes in paper presentation competitions.
* Our college encourages students by giving gold and silver medals to the toppers in each branch and academic year.
* Intuition provides scholarships to poor students with the help of Bhagya Lakshmi Charitable Trust founded by Dr. K. Someswara Rao.
* Institution provides a special coaching for preparation for GATE examination.
* Our institution extends its financial support to the students who come out with the best, model projects.
* Conduct make-up and remedial classes for slow learners and poor result achievers.
* Apart from rigorous Training and Placement activity, our institution runs separate Career Guidance Cell (CGC) and Entrepreneurship Development Cell (EDC) to empower the students to face the world.
* Conduct blood donation camps, periodical social activities like NSS camps to enable our students to become responsible citizens.

**40. Linkages developed with National / International, academic / research bodies:**

The College has signed MOU with different originations for strengthening the academic activities like Infosys Campus Connect, Wipro Mission 10X, IGIAT.

**41. Any other relevant information:**

* Permanently Affiliated to JNTU, Kakinada, since 2011-12
* TEQIP Participating Institution from 2011-12.
* 2 (f) Recognition from UGC since 2011-12.
* Conducts annually National Level Technical Symposium ASPIR2K11.

**PART – C**

**PLANS OF THE INSTITUTION FOR THE NEXT ACADEMIC YEAR 2012-13**

* The college is planning to achieve 12(b) recognition from UGC.
* The college is planning to get permission from AICTE for the additional intake of student in UG courses.
* With a view to bridging the gap between industry and academic institutes, strengthening it relation with several organizations and providing employment opportunities to it students, AITAM is planning to enter into many MOUs with several renowned organizations.
* It is planned to offer quality education by conducting more innovative teaching-learning methods under implementation. Several faculty members are already trained with the help of Wipro Mission 10X and they will percolate this training to other faculty members in 2012-13 to make the adaptation of innovative teaching–learning methods easier.
* It is decided to pay more attention on improving Communication Skills of the students. A motivator has been appointed for this purpose and a lab has been established. It is planned to provide 200 hours training to all passing out students in Communication Skills during 2012-13.
* Placement Cell will be further strengthened, as newly recruited HR managers will be deployed to augment Training and Placement facilities during 2012-13.
* Industry Institute Interaction cell will organize several events during 2012-13, inviting eminent Industry experts to inform students about Industry expectations.
* To conduct Remedial Classes for slow learners belonging to SC/ST/OBC/Minorities. AITAM will continue to provide stipend to a few students on the basis of Merit / Financial criterion.
* To modernize and renovate laboratories of all departments to meet the changing industry needs with time.
* To conduct of National Seminars on current technological topics.
* To conduct internal Academic Audit more often than before, in view of further assessing and augmenting the quality in the coming year.
* To invite External Academic Audit Committee and seek their advice.
* To continue games hours and library hours.
* To contribute articles to national and international journals.

**Name & Signature of the Coordinator, IQAC Name & Signature of the Chairperson, IQAC**