**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**

**2012-13**

**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. C.J. Rao

**Ph. No: Office:** (+91) 8945-245266 **Mobile:** 9440416577

**Email:** [raoj\_chintu@yahoo.com](mailto:raoj_chintu@yahoo.com)

**Year Report: 2012-13**

**PART – A**

The plan of action chalked out by the IQAC at the beginning of the year 2012-13 towards quality enhancement and the outcome achieved by the end of year.

* With a view to strengthen placements further, newly two assistant placement officers will be deployed to augment Placement Facilities during this academic year.
* It is planned to conduct internal Academic Audit more often than before, in view of further assessing and augmenting the quality in the coming year.
* It is planned to invite External Academic Audit Committee and seek their advice for further improvement.
* It is planned to encourage all the faculty and students to contribute articles to national and international journals.
* Industry Institute Interaction Cell (IIIC) will organize several events during 2012-13, calling eminent industry experts to inform students about industry expectations.
* To modernize and renovate laboratories of all departments to meet changing industry needs.
* To conduct National Seminar / FDP on current technological topics.

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 the Technology & Management 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:**

* Enabling scholarly vibrant environment for learning, teaching, research and development for students and staff for their personal and professional growth.
* Helping students to foster and develop qualities of leadership and problem solving skills to face the professional and personal challenges in life.
* To empower rural youth through educational opportunities
* To prepare job ready graduates
* To give hands-on training to Engineering students

**Objectives:**

* To commence innovative add-on-courses: Certificate / Diploma / Advanced Diploma courses
* To imbibe national fervor and integrity
* To provide education to rural people

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

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

* Curriculum designed as per 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 as per the affiliating University (JNTUK)

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

No. of the candidates qualified in

NET : 05

SLET : 05

GATE : 29

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Name** | **Dept.** | **NET / SLET** |
| 1 | Sri Y. Ramesh | CSE | SLET |
| 2 | Sri P.K. Sahu | CSE | NET |
| 3 | Sri M.V.B. Chandra Sekhar | CSE | SLET |
| 4 | Sri G. Stalin Babu | CSE | SLET |
| 5 | Sri. S. Umamaheswara Rao | ECE | NET |
| 6 | Sri. R. Kranthi | ECE | NET |
| 7 | Sri. B. Kishore Kumar | IT | NET |
| 8 | Sri. Ch. Srinivasarao | IT | NET |
| 9 | Sri. M. Apparao | IT | SLET |
| 10 | Sri. T.Naresh | MCA | SLET |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.**  **No.** | **Name of the Student** | **Roll No.** | **Branch** | **GATE Rank** |
| 1 | Siripalli Ravi Kiran | 09A51A02A5 | EEE | 2741 |
| 2 | Lakhinana Badarinath | 09A51A0259 | EEE | 20591 |
| 3 | Vysyaraju Yamini | 09A51A02B8 | EEE | 10037 |
| 4 | Malyakula Narendra | 09A51A0268 | EEE | 23685 |
| 5 | Nivarthi Serina | 09A51A0276 | EEE | 35845 |
| 6 | Penta Dileep Kumar | 09A51A0289 | EEE | 14709 |
| 7 | Koyyana Chandrasekhar | 09A51A0256 | EEE | 14709 |
| 8 | Mantrabuddi Kranti Kumar | 09A51A0208 | EEE | 14709 |
| 9 | Dubba Kumara Swamy | 09A51A0229 | EEE | 24406 |
| 10 | D Sivaji | 09A51A0227 | EEE | 19504 |
| 11 | Bora Naveen Kumar | 09A51A0222 | EEE | 16813 |
| 12 | A Kiran Kumar | 09A51A0206 | EEE | 27.33 (sco) |
| 13 | T Harika | 09A51A0240 | EEE | 20591 |
| 14 | Ragolu Durga Prasad | 09A51A0299 | EEE | 16383 |
| 15 | Kujja Dhana Raju | 09A51A02C0 | EEE | 16383 |
| 16 | Doliya Kishor Kumar | 09A51A0202 | EEE | 46206 |
| 17 | Potnuru Hareesh | 09A51A0344 | ME | 14086 |
| 18 | Matsa Chaitanya | 09A51A0465 | ECE | 5283 |
| 19 | B. Prasanthi | 09A51A0409 | ECE | 6442 |
| 20 | Tamminana Srikanth | 09A51A04A8 | ECE | 13498 |
| 21 | Damarasingu Jyothi | 09A51A0421 | ECE | 19097 |
| 22 | Bhargav N Raju | 09A51A0411 | ECE | 21129 |
| 23 | L. Mahesh | 09A51A0458 | ECE | 21129 |
| 24 | K. Krishna | 09A51A0447 | ECE | 21630 |
| 25 | Polaki Girish | 09A51A0485 | ECE | 29435 |
| 26 | Yalakala Priyanka | 09A51A0491 | ECE | 32323 |
| 27 | Y. Pradeep Kumar | 09A51A04B9 | ECE | 57160 |
| 28 | P Naresh Kumar Behara | 09A51A0573 | CSE | 3051 |
| 29 | P. Navya | 09A51A0571 | CSE | 4909 |

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

The Institute takes every initiation towards the faculty development programmes to enhance the quality of teacher in teaching, learning & research. The following faculty development programmes were conducted for the staff.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Name of the event** | **Date of event** | **Resource Person** | **Participants** |
| 01 | One Day Seminar on “Advances in Compilers Design” | 03.12.2012 | Dr.V.Vijaya Kumar  Dean Computer Sciences & Head Srinivasa Ramanujan Research forum GIET, Rajmundry | CSE, IT & MCA |

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

Seminars / Workshops / Conferences : 09

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Title** | **Dept.** | **Convener** | **Dates** | **No. of Participants** | **Resource Persons** |
| 1 | A 6-Day Subject Domain Training Program on “Android and its Applications” under TEQIP Phase II | CSE | Sri. Y.Ramesh | 25th- 30th  April, 2013 | 27 | 1. Mr. Pankaj Agrawal,  2. Mr. Adarsh Rajput,  (Geekslab Technologies Pvt. Ltd., New Delhi) |
| 2 | A 2-Day Trainer Workshop on “Cloud Computing and its Applications” | CSE | Sri. Y.Ramesh | 21st-22nd  Feb, 2013 | 45 | Dr. Sudheer Reddy,  Infosys Hyd. |
| 3 | A Three-Day National Workshop on “Introduction to Support Vector Machines with Applications” under TEQIP Phase II | CSE & IT | Prof. D.T.V. Dharmajee Rao | 16th -18th  Aug, 2012 | 63 | 1. Dr. V. Vijaya Sarathi  2. Dr. M.N. Murty  3. Dr. JVR Murty  4. Dr.N.B. Venkateswarlu |
| 4 | ASIP - 13 | ECE & EIE | Sri V. Ashok Kumar | 1st & 2nd March, 2013 | 50+26(AITAM) =76 | 1. Prof. B.N. Chatterji,  Former Professor, IIT  Kharagpur.  2. Prof. B. Yegnanarayana,  Microsoft Chair, IIIT  Hyderabad  3. Prof.C.Krishna Mohan, IIT, Hyderabad  4. Prof. Deepthi Prasad Mukharji, ISI Kolkata  5. Prof. Bhabatash Chanda, ISI Kolkata  6. Prof. Bhagavati chakravarthy, Central University, Hyderabad  7. Prof. S.Srinivas Kumar, JNTU, Kakinada  8. Prof. Ch.Srinivasa Rao, JNTUK, Vizianagaram  9. Prof. B.Chandra Mohan, Baptla Engineering College. |
| 5 | National Conference on Recent Developments in Electrical Engineering (NCRDEE-2013) | EEE | Dr. D.Vijaya Kumar | 15th-16th March, 2013 | 60 | 1. Dr G.Saraswthi JNTUK, Vizianagaram  2. Dr P.Mallikarjuna Rao AU, VSP  3. Dr K.Ramasudha AU,VSP |
| 6 | New Horizons in Mechanical Engineering | ME | Sri D. Azad | 22-23 March, 2013 | 37 | 1. Dr. Nageswara Rao  2. Dr. K. Srnivasa Reddy  3. Dr. J. Srinivas  4. Dr. Ch. Surya Narayana |
| 7 | A Three Day Refresher Course on “Modern Imaging Research: Research Avenues and Challenges” | IT | Prof. G.  Nageswararao | 31st Jan-2nd Feb, 2013 | 49 | 1. Dr. N.B. Venkateswarlu  Sr.Professor & Dean R&D, AITAM.  2. Dr. B. Chakravarthy, UOH  3. Dr. B. Deekshitulu,  Visiting Professor, UOH  4. Dr. K. Diwaker, IIT (Kanpur), BARC,  Visakhapatnam  5. Dr. M.V. Karthikeyan, IIT (Roorkee)  6. Dr. Pavitra Mitra, IIT, (Kharagpur)  7. Sri. P.Radhakrishna, Principal, Secretary, R&D Labs, Infosys Ltd., Hyd. |
| 8 | A Two- Day National Workshop on Current Trends in ELT | BS&H | Dr. P.Venkoji | 3rd & 4th Aug, 2012 | 60 | 1. Dr. K.Nirupa Rani  2. Dr. K.B.S.Krishna  3. Dr. P.Aparna |
| 9 | A Two-Day Workshop on Mathematical Applications of Engineering Disciplines. | BS&H | Dr. P.Venkoji | 4th & 5th Feb, 2013 | 80 | 1. Dr.V.Ch. Venkaiah  2. Dr.K.Srinivasa Rao  3. Dr.V. Ravindranath  4. Dr.B.Satyanarayana  5. Dr. G.V.S.R Deekshitulu  6. Dr.A.Vasudeva Rao |

**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:**

Our institution not only feels proud but also shoulders it as a responsibility to disperse the grants provided by DST and other agencies on research activities.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Funding Agency** | **Grant Type** | **Title** | **Dept.** | **Name of the PI** | **Amount (Rs.)** |
| 1 | DST | Project | Development and Application of Spatial Decision Support System using GIS, GPS and Remote Sensing for the People Living in the Tribal Regions of Pedda Kadiri Reserved Forest: A Case Study | CE | Mr. Ch. Kannam Naidu, Prof. Ch.Ramesh, Prof. N. B. Venkateswarlu | 14,92,135/- |
| 2 | AICTE | RPS | Synthesis, Characterization and Studies on some Engineering Properties of Al-Rice Hust Metal Matrix Nanocomposites | ME | Dr. D. Lingaraju &  Mr. D. Lokanadham | 17,40,000/- |
| 3 | AICTE | MODROBS | Multicore Computing Lab | CSE | Prof. N. B. Venkateswarlu | 5,60,000/- |
| 4 | DST | Young Scientist | A Study on the Weld Bead Characteristics on Friction Stir Welding for A1- Nrha Nanocomposites | ME | Dr. D. Lingaraju | 25,50,000/- |
| 5 | DRDO | National Conference | National Conference on Recent Developments in Electrical Engineering | EEE | Dr.D.Vijaya Kumar | 45,000/- |
| 6 | AICTE | MODROBS | Development of Metallurgy and Materials Lab | ME | Dr. D. Lingaraju | 10,80,000/- |

**13. Details of research scholars:**

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

CSE : 07 Nos.

ECE : 07 Nos.

EEE : 04 No.

ME : 04 Nos.

IT : 03 Nos.

CE : 01 No.

EIE : 01 No.

BS&H : 03 Nos.

|  |  |  |  |
| --- | --- | --- | --- |
| **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 Y.Ramesh | CSE | JNTUK, Kakinada |
| 6 | Sri P.K.Sahu | CSE | UTKAL University, Bhubaneswar |
| 7 | Smt. R.Usha Rani | CSE | Krishna University, Machilipatnam |
| 8 | Sri. B. Chinna Rao | ECE | JNTUH, Hyderabad |
| 9 | Sri. B. Rama Rao | ECE | A.U, Visakhapatnam |
| 10 | Sri. P. Venkata Muralidhar | ECE | Berhampur University |
| 11 | Sri. D. Yugandhar | ECE | Berhampur University |
| 12 | Sri. MVHB Murthy | ECE | JNTU, Kakinada |
| 13 | Sri. V. Ashok Kumar | ECE | GITAM University, Visakhapatnam |
| 14 | Sri. M. Lakshmu Naidu | ECE | GITAM University, Visakhapatnam |
| 15 | Sri. B. Srinivasa Rao | EEE | JNTU, Kakinada |
| 16 | Sri. Ch. Ravi Kumar | EEE | A.U, Visakhapatnam |
| 17 | Sri. P. Guruvulu Naidu | EEE | JNTU, Kakinada |
| 18 | Sri. P. Balamurali | EEE | NIT, Jamshedpur |
| 19 | Sri D. Azad | ME | A.U, Visakhapatnam |
| 20 | Sri D. Lokanadham | ME | A.U, Visakhapatnam |
| 21 | Sri P. Srihari | ME | A.U, Visakhapatnam |
| 22 | Sri B. Ramakirshna | ME | A.U, Visakhapatnam |
| 23 | Prof. G. Nageswara rao | IT | A.U, Visakhapatnam |
| 24 | Sri B. V. Ramana | IT | A.U, Visakhapatnam |
| 25 | Sri B. Ramesh Naidu | IT | A.U, Visakhapatnam |
| 26 | Sri. Ch.Kannam Naidu | Civil | A.U, Visakhapatnam |
| 27 | Sri M.J. Manmadha Rao | ECE | A.U, Visakhapatnam |
| 28 | Sri G.S.S.S.S.V. Krishna Mohan | EIE | A.U, Visakhapatnam |
| 29 | Sri. S.Bheemeswararo | BS&H | JNTUK, Kakinada |
| 30 | Sri. M.Balakrishna | BS&H | GITAM University, Visakhapatnam |
| 31 | Sri. H.Rammohan | BS&H | A.U, Visakhapatnam |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Name of the Author** | **Dept.** | **Paper Title** | **Journal Name & Publisher Name** | **Vol. No., Issue No. , Page No & Date** | **IR** | **CI** |
| 1 | Sri L.V. Satyanarayana | CSE | Cloud Computing,  Revolution in New Web Technology: Application and Challenges Survey | IJCST & Cosmic Journals  ISSN: 0976-8491 (O) 2229-4333 (P) | Vol.4, Issue-2., pp 284-288., April-June 2013 | 0.289 | - |
| 2 | Sri B.Vijay | CSE | Analysis of Face Recognition-A Case Study on Feature Selection and Feature Normalization | IJERA & IJERA  ISSN: 2248-9622 | Vol.:3, Issue:3, PP 971-979, May-June 2013 | 1.69 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | Sri M.V.B. Chandra Sekhar | CSE | A Node Based Routing Protocol for WSN | IJAIR & DRJI  ISSN: 2278-7844 | Vol.:1, Issue:5, PP 194-198, May, 2012 | 1.2 | - |
| 4 | Sri P.K.Sahu | CSE | Effective Pruning for the Discovery of Conditional Functional Dependencies | IJCSCN & IJCSCN  ISSN: 2249-5789 | Vol.:2 (6),  PP 670-676, Dec, 2012, Jan, 2013 | 0.438 | - |
| 5 | Smt. R.Usha Rani | CSE | Radial Basis Function of Neural Networks for Quantitative Study on Images. | IJSER & E-Publications from Green Journal  ISSN: 2249-0523 | Vol.: 2, Issue:1, PP 91-96, Jan-Dec, 2012 | 1.4 | - |
| 6 | Sri R.Srinivas | CSE | Face Recognition Using Robust PCA and Radial Basis Function Networks | IJCSCN & IJCSCN  ISSN 2249-5789 | Vol-2, Issue-5,  Pp-584-589, Oct-2012 | 5.08 | - |
| 7 | Prof. Ch. Ramesh | CSE | Filter Augmented JPEG Algorithms: A Critical Performance Study for Improving Bandwidth | IJCA & Foundation of Computer Science, USA  ISSN: 0975-8887 | Vol.60, Issue.17,  Pp: 1-5,  Dec-2012 | 0.814 | - |
| 8 | Sri R.Srinivas | CSE | A Modified ACO Algorithm for Image Edge Detection | IJCSCN & IJCSCN  ISSN:  2249-5789 | Vol-2, Issue-4,  Pp-468-472, Oct-2012 | 5.08 | - |
| 9 | Sri P.K.Sahu | CSE | A Robust and Efficient Data Transmission in Ad-Hoc Networks | IJCSCN & IJCSCN  ISSN : 2249 - 5789 | Vol-2, Issue-4, Pp-543-547,  Sep-Oct 2012 | 0.438 | - |
| 10 | Prof D.T.V. Dharmajee Rao | CSE | Resource and Quality Aware Location Anonymization Mechanism for Wireless Sensor Networks | IJMER & Research India Publications  ISSN : 2249 - 6645 | Vol-2, Issue-5, Pp-3943-3946,  Sep-Oct 2012 | 1.227 | - |
| 11 | Sri P.K.Sahu | CSE | A Dynamic Filtering Algorithm to Search Approximate String | IJCER & IJCER  ISSN: 2250-3005 | Vol-2,  Issue-5,  Pp-118-122, Sep-2012 | 1.145 | - |
| 12 | Prof D.T.V. Dharmajee Rao | CSE | Efficiently Searching the Similar Content by using Content Based Image Retrieval System | IJCST & Cosmic Journals  ISSN: 0976-8491 (Online), ISSN:2229-4333 (Print) | Vol-3, Issue-3,  Jul-Sep 2012 | 0.289 | - |
| 13 | Sri M.V.B. Chandra Sekhar | CSE | Network Intrusion Detection System Using Clustering, Association and Sequential Association Rules Approach | ICRTCSE & Research Gate  ISBN :978-81-9089- 807-2 | Sep-2012 | 0.652 | - |
| 14 | Prof D.T.V. Dharmajee Rao | CSE | Experimental Based Selection of Best Sorting Algorithm | IJMER& Research India Publications  ISSN : 2249-6645 | Vol-2, Issue4,  Pp-2908-2912, July-Aug 2012 | 1.227 | 1 |
| 15 | Sri R.Srinivas | CSE | Embedding of Text in Image-A case of High Security Stenography | IJERT & ESRSA Publications  ISSN: 2278-0181 | Vol-1,  Issue-5,  July 2012 | 1.76 | - |
| 16 | Sri P.K.Sahu | CSE | Disadvantage of AMRIS Protocol and its Solution. | IJERT & International Research Publication House  ISSN: 2278-0181 | Vol-1, Issue-5,  Pp. 1-10, July 2012 | 1.76 | - |
| 17 | Sri R.Srinivas | CSE | Discovering Frequent Patterns from XML Data | IJDMKE & Springer LNCS-CCIS  ISBN : 0974-9683 | Vol-4,  Issue-7,  Pp 325-328, July 2012 | 0.621 | - |
| 18 | Sri U.D.Prasan | CSE | Distributed Depth Adjustment Control of Underwater Sensor Networks | IJCST & Cosmic Journals  ISSN:0976-8491 (Online), ISSN: 2229-4333 (Print) | Vol.3, Issue.2,  Apr-June, 2012 | 0.289 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | Sri M.V.B. Chandra Sekhar | CSE | Efficient Ongoing Neighbor Discovery in Static Sensor Networks with Low and Irregular Traffic | ICRJCSE & Engg Journals Publications  ISBN: 978-81-9089- 807-2 | 3rd & 4th May, 2012 | 0.652 | - |
| 20 | Sri P.K.Sahu | CSE | G-Clustering Algorithm | IJARCET & IJARCET  2278-1323 | Vol.1,  Issue : 7,  PP : 188-192, Sep-2012 | 5.53 | - |
| 21 | Prof D.T.V. Dharmajee Rao | CSE | Resource and Quality Aware Location Anonymization Mechanism for Wireless Sensor Networks. | IJMER& Research India Publications  2249 - 6645 | Vol.2,  Issue 5,  PP: 3943-3946,  Sep-Oct, 2012 | 1.227 | - |
| 22 | Sri M.V.B. Chandra Sekhar | CSE | An Enhanced Delaunay Trianglation Mesh to Balance Delay and Network Resource Consumption in P2P Streaming | ICRJCSE & Engg Journals Publications  ISBN: 978-81-9089- 807-2 | 3rd & 4th May, 2012 | 0.652 | - |
| 23 | Prof D.T.V. Dharmajee Rao | CSE | Image Search System Based on the Content in the Image | IJCST & Cosmic Journals  0976-8491 (Online, ISSN 2229-4333 (Print) | Vol.3, Issue.2,  Pp: 1040-1042, April - June, 2012 | 5.09 | - |
| 24 | Sri R.Srinivas | CSE | Noise Estimation in a Noise Adjusted Principal Component Transformation and Hyperspectral Image Restoration | IJAIR & IJAIR  2278-7844 | Volume 1, Issue 7,  Dec 2012 | 0.349 | - |
| 25 | Prof. A. S. Srinivasa Rao | ECE | High Speed Symmetric Transparent BIST on FPGA | IJECCE, IJECCE | Vol.3,  Oct, 2012 | 1 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | Smt. E. Jaya | ECE | High Speed Symmetric Transparent BIST on FPGA | IJECCE, IJECCE | Vol.3,  Oct, 2012 | 1 | - |
| 27 | Sri. P.V. Muralidhar | ECE | Interpretation of Dirichlet, Bartlett, Hamming and Hanning Windows using FrFt | IJSER, IJSER | Vol.4, Issue.6,  June 2013 | 1.4 | 2 |
| 28 | Sri. D. Yugandhar | ECE | Image Outlier Filtering Approach (OFA): A Machine Learning Based DWT Optimization Approach | GJCST, Global Journals Inc. | Vol.12, Issue.14, Nov, 2012 | 1.85 | - |
| 29 | Prof. A.S. Srinivasa Rao | ECE | Ternary Pulse Compression Sequences Generation by Chaotic Tent Map Approach | IJECE, International Research Publication House | Vol.5, Issue.4, PP.471-476,  2012 | 2.5893 | - |
| 30 | Smt. K.V.L. Bhavani | ECE | Power Optimization on Functional units of a Generic Data path Subsystem | IJECCE, IJECCE | Vol.3, Issue.4,  July, 2012 | 2.5893 | - |
| 31 | Sri. Ch. Ravi Kumar | EEE | Analysis of Non-Linear Speed Torque Performance of SRM with Fuzzy Based Non-linear Controller | IJAREEIE | Vol. 2,  Issue 3,  Mar 2013 | 1.686 | - |
| 32 | Dr. D.Vijaya Kumar | EEE | Sensor Less Speed Estimation Technique for the Vector Controlled Permanent Magnet Synchronous Motor Drive | IJAST | Vol. 6,  Issue 1,  Jan 2013 | 2.94 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | Sri. S. Nagaraju | EEE | Sensor Less Speed Estimation Technique for the Vector Controlled Permanent Magnet Synchronous Motor Drive | IJAST | Vol. 6,  Issue 1,  Jan 2013 | 2.94 | - |
| 34 | Dr. D. Vijaya Kuamr | EEE | Simulation of UPQC using  Cascaded Multilevel Inverter & Comparing it with Shunt & Series Active Power Filters | IJSER | Vol. 4,  Issue 2,  Feb. 2013 | 1.4 | - |
| 35 | Sri. I.Ramesh | EEE | Simulation of UPQC using  Cascaded Multilevel Inverter & Comparing it with Shunt & Series Active Power Filters | IJSER | Vol. 4, Issue 2, Feb. 2013 | 1.4 | - |
| 36 | Dr. K. B. Madhu Sahu | EEE | Noval Control of Three-Arm AC Automatic Voltage Regulator with Fuzzy Logic Technique | IJERT | Vol. 2,  Issue 1,  Jan 2013 | 1.76 | - |
| 37 | Sri. R.Mouliswara Rao | EEE | Dynamic Analysis of Hysteresis Motor using MATLAB/ SIMULINK | IJERT | Vol. 1, Issue 5, July - 2012 | 1.76 | - |
| 38 | Dr. D. Sreeramulu | ME | Development of GRNN Based Tool for Hardness Measurement of Homogeneous Welded Joint under Vibratory Weld Condition | International Journal of Advanced Research in Engineering and Technology;  IAEME | Vol. 4,  Issue 4,  Pp. 50-59,  May-June 2013, | - | 01 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 39 | Dr. D. Lingaraju | ME | Studies of the Emission Characteristics of a Single Cylinder Diesel Engine Fueled with Diesel, Linseed, Derived Bio Diesel and its Blends | International Journal on Science and Technology;  MAEJO International | Vol. II,  Issue VI,  Pp:268-278,  Aug-Sept 2012, | - | 01 |
| 40 | Dr. D. Lingaraju | ME | Fuelling Diesel Engine with Diesel, Linseed Derived Biodiesel and its Blends at Different Injection Pressures: Performance Studies | International Journal of Management, IT and Engineering;  INDER Science | Vol.2, Issue.7,  Pp. 53-65,  2012 | - | 3 |
| 41 | Prof. G.Nageswara Rao | IT | Screening Inhibitors Against H1N1 Neuraminidase using Molecular Docking | IJB & Research Article | Vol-2  Issue-2, Pp.450-452,  Feb 2013 | 0.4 | - |
| 42 | Prof. G.Nageswara Rao | IT | A Tool for the Post Data Analysis of Screened Compounds Derived from Computer-aided Docking Scores | Bio-Information & Bio-Information | Vol-9  Issue-2, Pp.01-03,  Feb 2013 | 1.0 | - |
| 43 | Mr. D.V.L.N. Sastry | EIE | Tuning of PID Controller for a Multi Capacity Tank Systems by Different Methods | International Journal of Advanced Research in Electronics and Communication Systems (IJARECE) | Vol.1,  Issue 3,  Pp:68-71, Sep, 2012  ISSN:  2278-909X | 3.22 | - |
| 44 | Mr. D.V.L.N. Sastry | EIE | Improved SNR of ECG Signal with New Window-FIR Digital Filters | International Journal of Advanced Research in Electronics and Communication Systems (IJARECE) | Vol.1,  Issue 3,  Pp. 82-85,  Sep, 2012  ISSN:  2278-909X | 3.22 | 3 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 45 | Mr. D.V.L.N. Sastry | EIE | Analysis of ECG Signal with FRFT Based Kaiser Window-FIR Digital Filters | International Journal of Engineering Sciences Technology and Research (IJSETR) | Vol.1, Issue3,  Pp. 58-61,  Sep 2012  ISSN:2278-7798 | 3.59 | - |
| 46 | Mr. D.V.L.N. Sastry | EIE | An Implementation of Different Nonlinear PID Controllers on a Single Tank Level Control using MATLAB | International Journal of Computer Applications | Vol. 54, No.1,  Pp:6-8,  Sep 2012  ISSN:  0975-8887 | 2.52 | - |
| 47 | Mr.G.S.S.S.S.V. Krishna Mohan | EIE | An Implementation of Different Nonlinear PID Controllers on a Single Tank Level Control using MATLAB | International Journal of Computer Applications | Vol. 54, No.1,  Pp:6-8,  Sep 2012  ISSN:  0975-8887 | 2.52 | - |
| 48 | Mr.M.S.R.Naidu | EIE | An Implementation of Different Nonlinear PID Controllers on a Single Tank Level Control using MATLAB | International Journal of Computer Applications | Vol. 54, No.1,  Pp:6-8,  Sep 2012  ISSN:  0975-8887 | 2.52 | - |
| 49 | Mr. N. Mohana Rao | EIE | An Implementation of Different Nonlinear PID Controllers on a Single Tank Level Control using MATLAB | International Journal of Computer Applications | Vol. 54, No.1,  Pp:6-8,  Sep 2012  ISSN:  0975-8887 | 2.52 | - |
| 50 | Mr.M.S.R.Naidu | EIE | Architecture Design and FPGA Implementation of an FFT Based Reactive Power Meter | International Journal of Computer Applications | Vol.50, No.9,  Pp 1-3,  July 2012  (0975-8887 | 2.52 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 51 | Mr.G.S.S.S.S.V. Krishna Mohan | EIE | FPGA Implementation of Binary Pulse Compression Sequences with Superior Merit Factors | International Journal of Engineering Research and Technology  (IJERT) | Vol. 1,  Issue 5,  Pp.1-3,  July 2012  ISSN 2278-0181 | 1.76 | - |
| 52 | Saumendra Das | MBA | Supply Chain Management : A Business Centric Approach | International Journal of Engineering and Advance Technology (IJEAT) | Vol:2, Issue:9,  PP.30-35, Sep, 2012 | 0.837 | 1 |
| 53 | Dr.G.Vasanti | BS&H | “More on L-Intuitionist Fuzzy or L-Vague Quotient Rings” | National Journal Advances In Fuzzy Sets & Systems (AFSS) | Vol. 16, No.2,  Pp 65-91,  2013 | 1.5 | - |
| 54 | Dr.A.Lakshmana Rao | BS&H | Some EOQ Model for Weibull Deteriorarotion Items with Selling Price Dependent Demand | International Journal of soft computing and Engineering (IJSCE) | Vol: 4, Issue:1, March 2014 | 0.9 | - |
| 55 | Dr.R.Santi Kumar | BS&H | LRS Biauchi Type -II Universe in f(e,t) Theory of Gravily | Global Journal of Science Frontier Research Physics and space Science “USA. | Vol. 13, Issue 2, 2013 | 2.2 | - |
| 56 | Dr.R.Santi Kumar | BS&H | A Note on Fixed Point Theorem | International Journal of Multidisciplinary | Vol. I,  Issue 12, Aug 2013 | 1.2 | - |
| 57 | Dr.R.Santi Kumar | BS&H | Kaluza- Klein Daole every Cosmological Model in Scale – Covariant theory of Grabtatey Astro Physics and Space Science | “Springer” | DOI 10.1007/s 10509-103-1656-2. Sept: 2013 | 1.635 | - |
| 58 | Sri. S.V.Maruti Prasad | BS&H | “ A Case Study on Low Cost Water” | Environmental Science an Indian Journal TSI Publication | Vol: 8, Issue: 4,  Pp 161-166 | 1.623 | - |
| 59 | Sri. S.V.Maruti Prasad | BS&H | “ A Low Cost Water Treatment b using a Natural Coagulant” | International journal of Research in Engineering & technology | Vol: 2,  Issue 10,  Pp 239-242, | 1.962 | - |
| 60 | Sri. S.V.Maruti Prasad | BS&H | “ Spctro Photometric Determine” | IJABPT | Vol:4,  Issue -1,  Pp 53-57 | 1.7 | - |
| 61 | Sri. S.V.Maruti Prasad | BS&H | “Oxidimetric Determation of Acid ” | Indian Journal TSI Publications | Vol:12, Issue : 9,  Pp 323-328 | 1.5 | - |
| 62 | Sri. S.V.Maruti Prasad | BS&H | “Anti Microfial Agent in Water Purification” | International Journal Sun Publication | Vol:3,  Issue-7 | 1.962 | - |
| 63 | Sri. M. Ramanayya | BS&H | Effect of Non-ionic Micelles on the Chemical Speciation of Binary | International Journal | Pp 285-290.  (2013) | 0.7 | - |

**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, Toys, Cloths to the Orphan Centre
* An awareness program on campus recruitment training was conducted to degree college students by Training and Placement Cell
* An awareness program on government schemes for the benefit of the rural population of K.Kotturu of Tekkali Mandal was arranged.
* An awareness camp on vaccination to rural woman at Akkupalli, a nearby village was organized.
* A one day orientation program on computer awareness to the non-teaching staff members of degree colleges was organized.
* Inter collegiate volleyball competitions for junior college students of Srikakulam District were conducted.

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

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Name** | **Dept.** |
| 1 | Smt. V.Maha Lakshmi | CSE |
| 2 | Sri Sai Vijay | CSE |
| 3 | Sri K. Jagadeesh | CSE |
| 4 | Dr. Y. Gopala Rao | ECE |
| 5 | Sri S. Umamaheswara Rao | ECE |
| 6 | Sri B. Chinna Rao | ECE |
| 7 | Ms. Vandana Lakshmi | ECE |
| 8 | Sri Y. Srinivasa Rao | ECE |
| 9 | Sri P. Sirish Kumar | ECE |
| 10 | Sri A. Rajesh | ECE |
| 11 | Ms. R. Kranthi | ECE |
| 12 | Ms. P. Amrutha | ECE |
| 13 | Sri S. Kumara Swamy | EEE |
| 14 | Sri M.Bhaskar Rao | EEE |
| 15 | Sri K.Bhaskar Rao | EEE |
| 16 | Sri R. Mouliswara Rao | EEE |
| 17 | Sri B.Trinadha | EEE |
| 18 | Sri B.Ravi Kumar | EEE |
| 19 | Sri B.Srikanth | EEE |
| 20 | Sri U. Mohan Rao | EEE |
| 21 | Sri D. Ramajogi Naidu | ME |
| 22 | Sri Ch. Vinod Babu | ME |
| 23 | Sri G. Sasidhar | ME |
| 24 | Sri K. Krishna Kumar | ME |
| 25 | Sri K. Laxmana Rao | ME |
| 26 | Sri B. Rama Krishna | ME |
| 27 | Sri N. A. N. Raju | ME |
| 28 | Sri B. Venkata Narayana | ME |
| 29 | Sri T. Vadi Velu | ME |
| 30 | Dr. D. Sreeramulu | ME |
| 31 | Sri S. Ramana Murthy | ME |
| 32 | Sri Ch. V. Hunumantha Rao | ME |
| 33 | Sri J. Udaykumar | IT |
| 34 | Sri G. Jagadeeswara rao | IT |
| 35 | Sri G. Dileep | IT |
| 36 | Sri B. Sandeep | IT |
| 37 | Sri Ch. V.Hanumantha Rao | Civil |
| 38 | Ms. G. Saranya | Civil |
| 39 | Sri S. Bheemeswararo | BS&H Physics |
| 40 | Sri B. Neelarao | BS&H Mathematics |
| 41 | Sri B. Lakshmana Rao | BS&H Mathematics |
| 42 | Ms. V. Divyajyoti | BS&H English |
| 43 | Smt. N. Shailaja | BS&H English |

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

222:116 (≈2:1)

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

Total No. of Volumes Added : 7387 (Accession Number 39520)

Total No. of Titles Added : 986

Total No. of Projects Added : 283

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

**22. New books / journals subscribed and their cost:** 986/40, Rs.36.44Lakhs

**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. 76,397/-

**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

- manual / through AITAM website for B category seats

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

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

1. Networks & ET lab-1 (B. Tech)
2. Power Electronics and simulation labs (M. Tech)
3. New boys hostel for PIO’s
4. Digital Library-30 Systems
5. Programming Lab-60 Systems
6. Dept. Library-10 Systems

**27. Technology up-gradation:**

* MSDN upgrade every academic year.
* Software packages like PSSPICE (Electronics Circuits Lab), CADIAN Mechanical / professional, Iron CAD9, Algor Nastron, EdgeCAM11, ANSYS 14.5, ROBO-X, P-Simulator, H-Simulator, PLC-Simulator, KVAN, AECS Lab
* QEEE-Live Classes conducted every day with IIT, Chennai and also IIT, Mumbai.

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

* All the labs in different departments are connected with lease line internet (1:1\*26Mbps) connectivity.
* 60 systems connected with net facility in internet lab for students purpose and also 30 systems with net connection for R&D purpose in Multicore Lab.

**29. Financial aid to students:**

* Fee concession 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**
* Facility in ambulances: **Stretcher, Ventilator, First-Aid Kit, etc….**

**Nearby Medical facility:**

* Govt. Hospital, Tekkali (5 kms away from the college)
* Govt. Hospital, Kotabommali (8 kms away from the college)
* RIMS Hospital, Srikakulam (40 kms away from the college)
* KIMS super specialty Hospital, Srikakulam (40 kms away from the college)
* Psychiatric counseling is available in the campus by a qualified doctor.
* Apart from that the senior faculty 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 | N. Govinda Rao | South Zone Inter University - Volley Ball (Men) | SRM University, Chennai (TN) | 12-12-12 to 16-12-12 | Participation |
| 2 | Somesh Kumar | South Zone Inter University - Hand Ball (Men) | Periyar University, Salem (TN) | 27-03-13 to 31-03-13 | Participation |

**34. Incentives to outstanding sportspersons:**

The outstanding students in sports have 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 | Sanku Latha Rani | II | EIE | 14th University Rank |
| 2 | N. Lakshmi Sravanthi | III | EIE | 15th University Rank |
| 3 | B.Nitish | II | CSE | PPT, Pydha College (Vajra2k13) 1st |
| 4 | B.chaitanya | II | CSE | PPT, Pydha College (Vajra2k13) 1st |
| 5 | P.V.Veda Vyas | III | CSE | PPT, SVCET 2nd |
| 6 | K.Sidhu | III | CSE | PPT, SVCET 2nd |
| 7 | M.Gowthami | III | CSE | PPT, SVCET Consolation |
| 8 | N.Srinivasa Rao | III | CSE | Treasure Hunt, Abhiyaan 1st |
| 9 | P.Mohana Krishna | III | CSE | National Level Ethical Hacking, IIT, Chennai (SHAASTRA) 1st |
| 10 | M.V.S Mani Raj | III | CSE | Hacking Competition, IIT, Chennai (SHAASTRA) Consolation |
| 11 | P.Pavan Kumar | III | CSE | Hacking Competition, IIT, Chennai (SHAASTRA) Consolation |
| 12 | K.Bala Surya | III | CSE | Hacking Competition, IIT, Chennai (SHAASTRA) Consolation |
| 13 | N.Srinivasa Rao | III | CSE | Quiz, AITAM ( ETRIX) 1st |
| 14 | N.Srinivasa Rao | III | CSE | Hacking Competition, IIT, Chennai (SHAASTRA) Consolation |
| 15 | P.Mohana Krishna | III | CSE | Model Presentation, AITAM (ASPIRE) 1st |
| 16 | P.Mohana Krishna | III | CSE | WEBAPPS, Infosys Project Review 1st |
| 17 | P.Mohana Krishna | III | CSE | WEBAPPS, Infosys Project Review 1st |
| 18 | P.Mohana Krishna | III | CSE | Treasure Hunt, ABHIYAAN 1st |
| 19 | V.Siddhu | III | CSE | Model Presentation, AITAM (E-TRIX) 1st |
| 20 | T.Sai Keerthi | III | CSE | WEBAPPS, Infosys Project Review 1st |
| 21 | T.Sai Keerthi | III | CSE | Quiz, AITAM (ASPIRE) 1st |
| 22 | Pranay Mahapatro | III | CSE | PPT, JNTUV (INTONIX), Consolation |
| 23 | Ch.Divya Sri | III | CSE | Quiz, AITAM (ASPIRE) 2nd |
| 24 | K.Vikas | III | CSE | ABHIYAAN, Leadership 2nd |
| 25 | M.Bhagya Laxmi | III | CSE | ABHIYAAN, Leadership 2nd |
| 26 | B.Joga Rao | II | EEE | 3rd Prize in i-genesis, A.U., VSP |
| 27 | B.Joga Rao | II | EEE | 1st Prize in Robotica, Pydha College,VSP |
| 28 | B.H.vinay Sai | II | EEE | 2nd Prize in Robotica, Pydha College, VSP |
| 29 | M.Manikanta swamy | II | EEE | 3rd Prize in Robotica, Pydha College, VSP |
| 30 | B.surya rao | II | EEE | 3rd Prize in Robotica, Pydha College, VSP |
| 31 | B.Joga Rao | II | EEE | 1st Prize in Stepcone-13, GMRIT, Rajam |
| 32 | M.Manikanta swamy  B. Joga Rao | II | EEE | 1st Prize in Stepcone-13, GMR IT, Rajam |
| 33 | Karanam Samadhanam Raju | III | ME | Gold Medal |
| 34 | Duba Govinda | III | ME | Silver Medal |
| 35 | Pulari Jagadeesh | II | ME | Gold Medal |
| 36 | Ratcha Tulasi Rao | II | ME | Silver Medal |
| 37 | Pinnada Udaykumar | I | ME | Gold Medal |
| 38 | Cheepuru Kurmarao | I | ME | Silver Medal |
| 39 | V Srinivasa Rao Gedela | I  (M. Tech) | ME | Gold Medal |
| 40 | Sanduru Bhanuteja | I  (M. Tech) | ME | Silver Medal |
| 41 | P. Deepika  T.K.Kiranmaye | II | IT | 2nd Prize (Cancer Nano Technology) in GMRIT, Rajam (4th -5th Jan, 2013) |
| 42 | K. Karteek  P. Tejeswi | II | IT | 2nd Prize (Wireless Technology) in DIET, Anakapalli (3rd – 4th Aug, 2012) |
| 43 | P. Naimisha  T. Tejeswari | II | IT | 3rd Prize (Image Processing) in DIET, Anakapalli (3rd – 4th Aug, 2012) |
| 44 | Potnuru.Deepika | I | IT | Gold Medal |
| 45 | Talasu.Swathi | I | IT | Silver Medal |
| 46 | Belusonti Janaki Gupta | II | IT | Gold Medal |
| 47 | Gangu.Jhansi | II | IT | Silver Medal |
| 48 | Nicherala Vandana | III | IT | Gold Medal |
| 49 | Kurakula Sailaja | III | IT | Silver Medal |
| 50 | K. Siva Krishna | IV/I | Civil | 1st prize in Spot Event Urbanistic at Gayatri Vidya Parished,VSP |
| 51 | C. Haresh | IV/I | Civil | 1st prize in Spot Event Urbanistic at Gayatri Vidya Parished,VSP |
| 52 | V.S. Aditya,  B. Shiva Kumar Reddy,  M. Surya Prakash Rao | IV-I | EIE | Publication: Tuning of PID controller Algorithms for a multicapacity tank systems by different methods.  International journal of Advanced Research in Electronics and Communica-tion systems-ISSN:2278-909X |
| 53 | K. Srinadh Gupta,  V. Mohana Krushna, D.S.V.S.Nagendra Reddy | IV-I | EIE | Publication: Improved SNR of ECG signal by new Window – FIR digital filters.  International journal of Advanced Research in Electronics and Communica-tion systems- ISSN:2278-909X |
| 54 | Sanku Latha Rani | II-I | EIE | Topper among the affiliated colleges (14th Rank), obtained “Certificate of Merit” from University |
| 55 | Naramsetti Lakshmi Sravanthi | III-I | EIE | Topper among the affiliated colleges (15th Rank) obtained “Certificate of Merit” from University |
| 56 | Kothapalli Rajini | II/IV | MCA | Gold Medal |
| 57 | Sahukara Satish | II/IV | MCA | Silver Medal |
| 58 | Kalla Uma Anusha | III/VI | MCA | Gold Medal |
| 59 | P.Pavani Gowri | III/VI | MCA | Silver Medal |

**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 | GD's & Interview Skills | Bhaskar Bhat, Bangalore | 14-09-2012 | 250 |
| 2 | GD's & Interview Skills | P. Preethi, Bangalore | 14-09-2012 | 250 |
| 3 | GD's & Interview Skills | Shivani Bhagi, Goa | 14-09-2012 | 250 |
| 4 | GD's & Interview Skills | Stanley David, Bangalore | 14-09-2012 | 250 |
| 5 | Memory Improvement | Jayasimha, HYD | 29-09-2012 | 750 |
| 6 | Employability Skills | Satya Thopalli, Mahindra Satya, HYD | 15-12-2012 | 180 |
| 7 | Interactive Session | Mr. Madhu Sudhan Rao | 31-01-2013 | 180 |
| 8 | Technical Skills | Bendi Dasaradhi | 03/09/2013 | 180 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 9 | Awareness Created and Assisted in Filling GATE Applications. (Online) (Separate Computer & Printer with Internet Facility was Provided) | CGC | Aug / Sept - 2012 | 350 |
| 10 | Sponsored Students to Attend Training at ATI-EPI, Hyderabad | \*\*\* | \*\*\* | 02 |
| 11 | Sponsored 8 Students to Attend The 5th Science Conclave – Nobel Laurates Interaction Program. | IIIT, Allahabad | 08.12.2012 to 14.12.2012 | 4 Students Were Selected |
| 12 | How to Bell the Cat – An Awareness Program on Cat Examination | Mr. Vamsi Krishna Choudhury, Director, Career Cafe | 29.08.2012 | 45 |
| 13 | Awareness Program on “Scholarships Schemes and IIT Sponsored Programs for Engineers” | Mr. Pydi Ramana, University of Pondichery Student | 08.08.2012 | 150 |
| 14 | Seminar on “Myths and Realities about Abroad Education” | Mrs. Sajeeda, Edwise Int. Vizag | 18.07.2012 | 63 |
| 15 | Gate Coaching Classes by Experts |  | 08.07.2012 Onwards | 99 |
| 16 | Gate Awareness Program for Final Year Students | The Gate Academy - Vizag | 17.12.2012 | 83 |
| 17 | Demo on Plc & Scada | Prometric Pvt. Ltd, Hyd. | 22.02.2013 | 150 |
| 18 | Gate Coaching Classes - 2014 | Internal Faculty | 02.03.2013 Onwards | 50 |
| 19 | Seminar on “How to Prepare for Competitive Exams?” | Mr. N. Srinivas Rao, Director Vinex IAS Academy & Mr. Venkatrao – Retd. Professor. | 04.03.2013 | 131 |

**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 | 09A51A0510 | Arangi Santipriya | CSE | EXCEL Info |
| 2 | 09A51A0522 | Boddepalli Srivani | CSE | EXCEL Info |
| 3 | 09A51A0560 | Manikonda Sriram | CSE | EXCEL Info |
| 4 | 09A51A0562 | Moningi Madhusri | CSE | EXCEL Info |
| 5 | 09A51A0568 | Pathangi Leelaprasad | CSE | EXCEL Info |
| 6 | 09A51A0571 | Peratla Navya | CSE | EXCEL Info |
| 7 | 10A55A0503 | Indraganti Siva Rama Santosh | CSE | EXCEL Info |
| 8 | 09A51A1212 | Grandhi Manikanta | IT | EXCEL Info |
| 9 | 09A51A1242 | Velaga Vasundhara | IT | EXCEL Info |
| 10 | 09A51A0405 | Bagadi Navita | ECE | EXCEL Info |
| 11 | 09A51A0421 | Damarasingu Jyothi | ECE | EXCEL Info |
| 12 | 09A51A0429 | Gopisetti Vasu | ECE | EXCEL Info |
| 13 | 09A51A0436 | K Srikanth | ECE | EXCEL Info |
| 14 | 09A51A0448 | Korada Siddharth | ECE | EXCEL Info |
| 15 | 09A51A0460 | M Sarat Kumar | ECE | EXCEL Info |
| 16 | 09A51A0468 | Motamarri Karthik | ECE | EXCEL Info |
| 17 | 09A51A0498 | Sampathirao Satyanarayana | ECE | EXCEL Info |
| 18 | 09A51A04C0 | Yerra Triveni | ECE | EXCEL Info |
| 19 | 10A55A0401 | Kenguva Srikanth | ECE | EXCEL Info |
| 20 | 10A55A0407 | Tandra Venkata Siva Krishna | ECE | EXCEL Info |
| 21 | 09A51A0211 | Balivada Seshagiri Rao | EEE | EXCEL Info |
| 22 | 09A51A0217 | Batna Syam Kumar | EEE | EXCEL Info |
| 23 | 09A51A0234 | Ganapati Madhuri | EEE | EXCEL Info |
| 24 | 09A51A0239 | Hanumanthu Sowjanya | EEE | EXCEL Info |
| 25 | 09A51A0242 | Ippili Jyoshna | EEE | EXCEL Info |
| 26 | 09A51A0258 | Kuppili Lokesh | EEE | EXCEL Info |
| 27 | 09A51A0259 | Lakhinana Badarinath | EEE | EXCEL Info |
| 28 | 09A51A0260 | Lakkoju Sudheer | EEE | EXCEL Info |
| 29 | 09A51A0279 | Paila Laxman | EEE | EXCEL Info |
| 30 | 09A51A0289 | Penta Dileep Kumar | EEE | EXCEL Info |
| 31 | 09A51A02A5 | Saripalli Ravi Kiran | EEE | EXCEL Info |
| 32 | 09A51A02B8 | Vysyaraju Yamini | EEE | EXCEL Info |
| 33 | 10A55A0206 | Kouru Paleswara Rao | EEE | EXCEL Info |
| 34 | 09A51A0522 | Boddepalli Srivani | CSE | Istep - intrvo |
| 35 | 09A51A0562 | Moningi Madhusri | CSE | Istep - intrvo |
| 36 | 09A51A0405 | Bagadi Navita | ECE | Istep - intrvo |
| 37 | 09A51A0468 | Motamarri Karthik | ECE | Istep - intrvo |
| 38 | 09A51A0498 | Sampathirao Satyanarayana | ECE | Istep - intrvo |
| 39 | 09A51A0530 | Dasari Sarath Chandra | CSE | Istep - intrvo |
| 40 | 09A51A0541 | Javvadi Vishnu Priyanka | CSE | Istep - intrvo |
| 41 | 09A51A0580 | Sampathirao Pratyusha | CSE | Istep - intrvo |
| 42 | 09A51A05A1 | Vankayala Pratyusha | CSE | Istep - intrvo |
| 43 | 09A51A1204 | Bendi Padma Sree | IT | Istep - intrvo |
| 44 | 09A51A1217 | Kolli Madhuri Vanamali | IT | Istep - intrvo |
| 45 | 09A51A1228 | Nicherala Vandana | IT | Istep - intrvo |
| 46 | 09A51A1234 | Sakalabaktula Sai Priyanka | IT | Istep - intrvo |
| 47 | 09A51A1236 | Suravarapu Soujanya | IT | Istep - intrvo |
| 48 | 09A51A0401 | Annepu Kamala Teja | ECE | Istep - intrvo |
| 49 | 09A51A0411 | Bhargav Nagaraju | ECE | Istep - intrvo |
| 50 | 09A51A0415 | Boyina Ramya | ECE | Istep - intrvo |
| 51 | 09A51A0431 | Gudla Priyanka | ECE | Istep - intrvo |
| 52 | 09A51A0437 | Kadha Mohan Rao | ECE | Istep - intrvo |
| 53 | 09A51A0450 | Kotha Siva Kumar | ECE | Istep - intrvo |
| 54 | 09A51A0465 | Matsa Chaitanya | ECE | Istep - intrvo |
| 55 | 09A51A0491 | Yalakala Priyanka | ECE | Istep - intrvo |
| 56 | 09A51A04B6 | Wuriti Manasa | ECE | Istep - intrvo |
| 57 | 09A51A1052 | B Shiva Kumar Reddy | EIE | Istep - intrvo |
| 58 | 09A51A1032 | Potnuru Dilhieswara Rao | EIE | Istep - intrvo |
| 59 | 09A51A0422 | Daneti Rajita | ECE | Istep - intrvo |
| 60 | 09A51A1221 | Kurakula Sailaja | IT | Istep - intrvo |
| 61 | 09A51A0478 | Pandranki Vamsi Krishna | ECE | Istep - intrvo |
| 62 | 09A51A0502 | Alajangi Suneetha | CSE | Istep - intrvo |
| 63 | 09A51A0508 | Andhavarapu Anusha | CSE | Istep - intrvo |
| 64 | 09A51A0517 | Bejjipuram Anusha | CSE | Istep - intrvo |
| 65 | 09A51A0518 | Bendalam Bhargavi | CSE | Istep - intrvo |
| 66 | 09A51A04A2 | Shaik Khaja Mohiddin | ECE | Istep - intrvo |
| 67 | 09A51A1043 | Tata Viswanath | EIE | Istep - intrvo |
| 68 | 09A51A0562 | Moningi Madhusri | CSE | DCS |
| 69 | 09A51A0530 | Dasari Sarath Chandra | CSE | DCS |
| 70 | 09A51A0465 | Matsa Chaitanya | ECE | DCS |
| 71 | 09A51A04B6 | Wuriti Manasa | ECE | DCS |
| 72 | 09A51A0568 | Pathangi Leelaprasad | CSE | DCS |
| 73 | 09A51A0571 | Peratla Navya | CSE | DCS |
| 74 | 09A51A1212 | Grandhi Manikanta | IT | DCS |
| 75 | 09A51A0217 | Batna Syam Kumar | EEE | DCS |
| 76 | 09A51A0521 | Boda Manjeera | CSE | DCS |
| 77 | 09A51A0532 | Dunna Tarun Kumar | CSE | DCS |
| 78 | 09A51A0563 | Mulla Yasmin Begum | CSE | DCS |
| 79 | 09A51A0589 | Tangudu Mrudula | CSE | DCS |
| 80 | 09A51A05B1 | Chanchali Ramakrishna | CSE | DCS |
| 81 | 09A51A1221 | Kurakula Sailaja | IT | DCS |
| 82 | 09A51A0471 | Mudili Sravani | ECE | DCS |
| 83 | 09A51A0478 | Pandranki Vamsi Krishna | ECE | DCS |
| 84 | 09A51A0492 | Pudi Chandra Mouli | ECE | DCS |
| 85 | 09A51A04B9 | Yelubanti Pradeep Kumar | ECE | DCS |
| 86 | 09A51A0298 | Raghupatruni Sravani | EEE | DCS |
| 87 | 09A51A1017 | Jaddumahant Suryaprakash | EIE | DCS |
| 88 | 09A51A1018 | Karri Dilleswararao | EIE | DCS |
| 89 | 09A51A0310 | B Raghu Ram | ME | DCS |
| 90 | 09A51A0335 | Mallampalli Divya | ME | DCS |
| 91 | 09A51A0344 | Potnuru Hareesh | ME | DCS |
| 92 | 09A51A0354 | Shantanu Shrivastava | ME | DCS |
| 93 | 09A51A0258 | Kuppili Lokesh | EEE | Envergence |
| 94 | 09A51A0289 | Penta Dileep Kumar | EEE | Envergence |
| 95 | 09A51A0222 | Bora Naveen Kumar | EEE | Envergence |
| 96 | 09A51A0256 | Koyyana Chandra Sekhar | EEE | Envergence |
| 97 | 09A51A0272 | Moningi Sandeep | EEE | Envergence |
| 98 | 09A51A0280 | Palla Sai Sagar | EEE | Envergence |
| 99 | 10A55A0209 | Nanepalli S Purushottam | EEE | Envergence |
| 100 | 09A51A0563 | Mulla Yasmin Begum | CSE | Concierge |
| 101 | 09A51A0589 | Tangudu Mrudula | CSE | Concierge |
| 102 | 09A51A1228 | Nicherala Vandana | IT | Concierge |
| 103 | 09A51A0560 | Manikonda Sriram | CSE | Concierge |
| 104 | 09A51A0567 | Patange Jyothiswaroop | CSE | Concierge |
| 105 | 09A51A1202 | Allamsetty Chinnari | IT | Concierge |
| 106 | 09A51A0492 | Pudi Chandra Mouli | ECE | Sun Group |
| 107 | 09A51A0581 | Santhavuriti Aparna | CSE | Sun Group |
| 108 | 09A51A1220 | Korada Raju | IT | Sun Group |
| 109 | 09A51A1224 | Maharana Kiran Kumar | IT | Sun Group |
| 110 | 09A51A1232 | Potnuru Venkata Bangaru Raiu | IT | Sun Group |
| 111 | 09A51A1249 | Panchireddy Surya Prakash | IT | Sun Group |
| 112 | 08A51A04B8 | Varanasi Uma Gouri Sankar | ECE | Sun Group |
| 113 | 09A51A0472 | N Praveen | ECE | Sun Group |
| 114 | 09A51A0474 | Nidagantla Ganapathi | ECE | Sun Group |
| 115 | 09A51A0490 | Prabha Venkata Sai Kameswararao | ECE | Sun Group |
| 116 | 09A51A04A6 | Srinivasa Saikiran | ECE | Sun Group |
| 117 | 09A51A04B0 | Upendra Pagoti | ECE | Sun Group |
| 118 | 09A51A04B7 | Yalaganda Merlin | ECE | Sun Group |
| 119 | 10A55A0408 | Kinjarapu Jaggunaidu | ECE | Sun Group |
| 120 | 09A51A0243 | Nakka Govinda Rao | EEE | Sun Group |
| 121 | 09A51A0276 | Nivarthi Serina | EEE | Sun Group |
| 122 | 09A51A02B4 | Temburu Pruthvi | EEE | Sun Group |
| 123 | 10A55A0210 | Ulli Naresh | EEE | Sun Group |
| 124 | 09A51A1016 | Gokavarapu Venkatesh | EIE | Sun Group |
| 125 | 09A51A1028 | Paidisetty Vinay Krishna | EIE | Sun Group |
| 126 | 09A51A1029 | Parapati Suri Babu | EIE | Sun Group |
| 127 | 09A51A1030 | Pativada Sivakumar | EIE | Sun Group |
| 128 | 09A51A0331 | Kuchetti Dhanunjayarao | ME | Sun Group |
| 129 | 09A51A0351 | Sayeeda Parveen | ME | Sun Group |
| 130 | 09A51A0358 | Vedulavalasa Samavi | ME | Sun Group |
| 131 | 09A51A05A1 | Vankayala Pratyusha | CSE | ELSNER Tech |
| 132 | 09A51A0415 | Boyina Ramya | ECE | ELSNER Tech |
| 133 | 09A51A1052 | B Shiva Kumar Reddy | EIE | ELSNER Tech |
| 134 | 09A51A0422 | Daneti Rajita | ECE | ELSNER Tech |
| 135 | 09A51A1045 | Vysyaraju Santosh Aditya | EIE | ELSNER Tech |
| 136 | 09A51A0490 | Prabha Venkata Sai Kameswararao | ECE | Analytical Tech |
| 137 | 09A51A0530 | Dasari Sarath Chandra | CSE | Analytical Tech |
| 138 | 09A51A1212 | Grandhi Manikanta | IT | Analytical Tech |
| 139 | 09A51A1017 | Jaddumahant Suryaprakash | EIE | Analytical Tech |
| 140 | 09A51A0437 | Kadha Mohan Rao | ECE | Analytical Tech |
| 141 | 09A51A0506 | Anantha Shobharani | CSE | Analytical Tech |
| 142 | 09A51A0515 | Bammidi Rama Chaitanya Krishna | CSE | Analytical Tech |
| 143 | 09A51A0559 | Lenka Suresh Kumar | CSE | Analytical Tech |
| 144 | 09A51A1206 | Borra Rekhasree | IT | Analytical Tech |
| 145 | 09A51A0410 | Behara Vamsi Prasad | ECE | Analytical Tech |
| 146 | 09A51A0414 | Boyina Kavya | ECE | Analytical Tech |
| 147 | 09A51A0446 | Kondeti Mousami Viswambhara | ECE | Analytical Tech |
| 148 | 09A51A0456 | Lammata Rutwija | ECE | Analytical Tech |
| 149 | 09A51A0487 | Ponnada Jagadheeswara Rao | ECE | Analytical Tech |
| 150 | 09A51A0489 | Potnuru Janaki Ram | ECE | Analytical Tech |
| 151 | 09A51A04A3 | Shaik Mastan Vali | ECE | Analytical Tech |
| 152 | 09A51A04A8 | Tamminana Srikanth | ECE | Analytical Tech |
| 153 | 09A51A04B3 | Vaddi Satyasri | ECE | Analytical Tech |
| 154 | 10A55A0402 | Kalaga Lavanya Kumar | ECE | Analytical Tech |
| 155 | 09A51A1005 | Bheemana Geetha Rani | EIE | Analytical Tech |
| 156 | 09A51A1009 | Dindi Prasad | EIE | Analytical Tech |
| 157 | 09A51A1015 | Ghanta Siva Reddy | EIE | Analytical Tech |
| 158 | 09A51A1023 | Madugula Sravankumar | EIE | Analytical Tech |
| 159 | 09A51A1032 | Potnuru Dilhieswara Rao | EIE | Analytical Tech |
| 160 | 09A51A1037 | Simma Sridevi | EIE | Analytical Tech |
| 161 | 09A51A1040 | Sistu Anusha | EIE | Analytical Tech |
| 162 | 09A51A1051 | Velamala Mohana Krushna | EIE | Analytical Tech |
| 163 | 10A55A1004 | Sakshi Siva Shankar | EIE | Analytical Tech |
| 164 | 08A51A0316 | Varun Devarasetti | ME | Analytical Tech |
| 165 | 09A51A0510 | Arangi Santipriya | CSE | EXCEL Info |
| 166 | 09A51A0522 | Boddepalli Srivani | CSE | EXCEL Info |

**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.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Organized by** | **Title** | **Resource Persons** | **Dates** | **No. of Participants** |
| 1 | ME | A One Day Workshop on Auto CAD Drafting | Dr. N. Hari Babu | 10th Nov, 2012 | 7 |
| 2 | EEE | ‘A One Day Workshop on Calibration & Testing of Meters’ | Sri. G. Ravi Kumar, NSTL,  Scientist-G | 09th & 10th Dec, 2012 | 6 |
| 3 | CSE, IT & MCA | A One-Day Workshop on “Ethical Hacking” Under TEQIP Phase II | Mr. D. Santosh Raju,  Asst. Prof., CSE, AITAM | 04.01.2013 | 7 |
| 4 | ECE | Ethical Hacking | Ms. Sangeeth Chopra | 04.01.2013 | 5 |
| 5 | ME | A One Day Training Program on “Ethical Hacking” | Sri A. Srinivasa Rao | 04.01.2013 | 3 |
| 6 | CSE, IT & MCA | A One-Day Workshop on “Overview on WiFi Technology” | Mr. K. Prasada Rao,  Sr. Asst. Prof., CSE, AITAM | 16.04.2013 | 10 |

**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, Wipro Mission 10X, IGIAT. And also the college is planning to get research center in association with JNTU, Kakinada.

**41. Any other relevant information:**

* The college has received UGC grants
* No of research publications increased
* The college is one of the very few Engineering Colleges selected for TEQIP funding. The main objective of TEQIP project is to ensure the improvement of the quality of technical education imparted in several technological institutions across the country.

**PART – C**

**PLANS OF THE INSTITUTION FOR THE NEXT ACADEMIC YEAR 2013-14**

* Proposal for increase of intake in Civil Engineering from 60-120 seats.
* Strengthening of remedial measures taken for weak students.
* Emphasis on internship training in the industries during the semester break.
* Campus beautification and tree plantation.
* Opening of Centre of Excellences: The Institute is planning to open other Centre of Excellences to impart training to the participants.
* Initiatives will be taken for creating a Green Campus.
* The alumni association is to be strengthened.

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