

# Annual Report 2018



**Aditya Institute of Technology and Management**  
(An Autonomous Institution)

**K. Kotturu, Tekkali, Srikakulam – 532201**

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Dr. K. Someswara Rao  
CHAIRMAN

### MESSAGE

I am pleased to know that the AITAM, Tekkali is organizing the College Annual Day Celebrations.

I firmly believe that the Academic, Research and Development activities strengthen the image and standard of the institute. I also appreciate all the efforts put in to organize this event, in addition to bringing out a comprehensive report of the college on this occasion.

I congratulate all the Teaching staff, Non-Teaching staff and students and wish them a great success in their endeavours. I am sure that AITAM will continue to maintain its excellence with great distinction.



Sri L.L. Naidu  
SECRETARY

### MESSAGE

I am very happy to learn that AITAM, Tekkali is organizing Annual Day which will give an opportunity to assess the college growth time to time.

I appreciate the efforts made by the Teaching and Non-Teaching staff and students of AITAM for organizing this event.



Prof. V.V. Nageswara Rao  
DIRECTOR

### MESSAGE

I am happy to note that AITAM is making rapid progress in the field of Engineering and Technology. Students have been active in co-curricular and extra-curricular activities and bringing laurels to the College and the University. The Faculty members of the college are receiving grants for various Research Projects and Consultancy Activities. Further, the Faculty members are very active in publication of Research Papers in the reputed Journals. I am glad that the Non-Teaching staff members of the College are also actively participating in various Developmental Activities of the Institute. It is heartening to know that the College has received awards and appreciations from various academic quarters.



Dr. K.B. Madhu Sahu  
PRINCIPAL

### MESSAGE

I am proud to be the principal of AITAM and privilege to associate myself with this programme. The Institute is progressing multi-dimensionally in Teaching, Research, Consultancy, Engineering and Technology. Students have been active in co-curricular and extra-curricular activities and bringing laurels to the College.

I am glad that the Teaching Staff, Non-Teaching staff and Students of the College are actively participating in various developmental activities of the Institute.

On this occasion my best wishes to all the faculty members, Non-Teaching staff and students of the Institute.

## **ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

Sri Aditya Educational Society (ESTD-2000) started a Technical Institution to impart highest quality and standards in the north coastal A.P. under aegis of eminent academicians, educationists and professionals in the name of Aditya Institute of Technology and Management in 2001.

Aditya Institute of Technology and Management is located at K. Kotturu, Tekkali, Srikakulam District, Andhra Pradesh. It is located in an extent of 50 acres of clean, green and serene area. The institute has the beauty of modern day Gurukul. It is situated on the banks of the river Vamsadhara at a short distance and having the sea at an hour's journey. The institute is provided with an enjoyable coastal climate.

The college is marching ahead under the able guidance of Chairman Rtn (PHF) Dr. K. Someswara Rao who is a paediatrician by profession and committed to social service with a special reference to technical education with unstinted support from the Secretary Sri. L.L. Naidu, Director Prof. V.V. Nageswara Rao and other members of the Sri Aditya Educational Society.

Aditya Institute of Technology and Management currently offers 6 UG programs in the disciplines of ECE, CSE, IT, EEE, CE and MECH, P.G program in MBA, and 6 disciplines of M. Tech. The total sanctioned intake per year is 840 in B. Tech programmes, 60 in MBA and 156 in M. Tech.

The Aditya Institute of Technology and Management is rated as one among the best self-financing colleges in the north coastal Andhra Pradesh as it sets up highest standards in all areas of curricular, co curricular and extra-curricular activities and in students' placements. The seats have been filled in all the branches every academic year is evidence that the college has got reputation in the field of technical education. The college is affiliated to JNTU Kakinada and hence follows the curricula prescribed by the Boards of Studies of the affiliating university. Based on industry and student feedback, the college faculties interact with university in updating the curriculum time to time. The college offers some value added courses to its students apart from the curriculum prescribed by university.

The success of the college is due to its well qualified faculty (out of 183 total faculty members 12 have Ph. Ds, 149 have PG qualifications with 29 having registered for Ph. D and 4 submitted their thesis) and several of them with rich experience in higher institutes of learning nation-wide. The senior faculty members always guide the junior faculty in honing their teaching and research skills. The progress of each course in every semester is closely monitored by a class committee which includes representatives from students. Electronic Digital Examination Process System for the end semester examination and on-line internal examination system are salient features of the evaluation system followed.

The college encourages its faculty to pursue further research consultancy and extension activities apart from teaching. The college motivates its faculty to continue their research work. As a result, 33 of the faculty members are currently

registered for Ph.D. in various universities. The research work is being carried out by the faculty has resulted in publication of 150 papers in journals and conferences during the last 5 years. The faculty and students of the college take part in extension activities by conducting short term courses, participating in rural development work in neighbouring villages in collaboration with reputed social organizations. For its social service the college has been awarded the prestigious gold medal from the Hon'ble Governor of Andhra Pradesh.

The college has a total built-up area of 25,349 Sq.m. with 49 class rooms, 3 seminar halls of different sizes, and 74 laboratories. The current annual budget of the college is of the order of about Rs.1,757.69 lakhs. The College Library has about 30,457 volumes of books and has also a Digital Library with 200 journals as hard copies and 450 journals on-line. All the laboratories are provided with the state of art equipment namely computer labs, internet centre, language lab and digital library. The college has 125 KVA, 24 hours power supply from A.P. State Electricity Board. Besides this the college has three generators with a capacity of 325 KVA, 125 KVA and 62 KVA with 30 UPS of total capacity 143.5 KVA to ensure uninterrupted power supply for the smooth functioning of all routine academic activities. Hostel accommodation is available for about 370 boys and 188 girls in separate hostels. Sports facilities are available with play fields in all major games and sports spread over an area of about 5 acres.

The pass percentage has been consistently around 75% right from the inception of the college with some university ranks. The placement record for the previous three years has been laudable about 70% of eligible candidates get placed in various campus recruitment drives. The institute is always quality conscious and got NBA Accreditation for three programs in 2009 and NAAC Accreditation in 2011. Its commitment towards quality and growth enabled AITAM to become a TEQIP funded institution, in Andhra Pradesh in 2011.

The management provides whole-hearted support for the improvement of the college in all aspects. About 90 lakhs of rupees are allotted every year for augmenting / modernizing the equipment to pursue M. Tech, Ph. D. works by giving them study leaves and financial assistance. The faculty and students are closely associated with all administrative and academic policy decisions through membership on appropriate committees.

Some of the innovative or effective methods introduced for good governance and for fostering high quality performance by the faculty and students are the following:

- Continuous student Monitoring
- Faculty Incentives
- Collaboration with other firms
- Scholarships to meritorious students
- Promote entrepreneurship zeal among the students.
- Internal & External Trainings

## **VISION**

To evolve into a premier engineering institute in the country by continuously enhancing the 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 the best quality education in Technology and Management. In the process, we make education more objective so that the efficiency for employability increases on a continued basis.



## CORE VALUES

### (i) Contributing to National Development

Contributing to National development has always been an implicit goal of AITAM. Serving the cause of social justice, ensuring equity, increasing access to higher education, human resource development and capacity building of individuals, to cater to the needs of the economy, society and the country as a whole, thereby, AITAM contributing to the development of the Nation.

### (ii) Fostering Global Competencies among Students

With liberalization and globalization of economic activities, the need to develop skilled human resources of a high calibre is imperative. Therefore, AITAM is preparing the students to achieve core competencies, to face the global challenges successfully innovative, creative and entrepreneurial in their approach. Towards achieving this, AITAM established collaborations with industries, network with the neighbourhood agencies/bodies and foster a closer relationship between the “world of competent-learning” and the world of skilled work”.

### (iii) Inculcating a Value System among Students

Although skill development is crucial to the success of students in the job market, skills are of less value in the absence of appropriate value systems. In India, with cultural pluralities and diversities, it is essential that students imbibe the appropriate values commensurate with social, cultural, economic and environmental realities, at the local and national level. AITAM is shouldering the responsibility of inculcating desirable value systems among students.

### (iv) Promoting the Use of Technology & Innovation

Technological advancement and innovations in educational transactions have to be undertaken by all, to make a visible impact on academic development as well as administration. To keep pace with the developments in other spheres of human endeavour, AITAM has enriched the learning experiences of their students by providing them with state-of-the-art educational technologies including Information and Communication Technologies (ICT). AITAM established Technology Incubation Hub, Business Incubation Centre and Entrepreneurship Development Cell to encourage students & Faculty for Innovation.

### (v) Quest for Excellence

Institute is committed to excellence in all spheres of its activities, and through internal and external reviews, and will work towards continuous improvement. The Institute will demonstrate excellence by our people, programmes and outcomes, as well as by the quality of decisions and actions recognised through awards and honours. This ‘Quest for Excellence’ started with the assessment or even earlier, by the establishment of the Internal Quality Assurance Cell (IQAC) in the campus.

(vi) Integrity

Integrity involves honesty and fairness, consistency in instruction, ethics of scholarship, freedom of inquiry, and open and truthful engagement with the community through effective communication, policies and practices. Research and Teaching shall be carried out in an environment of academic freedom and honesty. The Institute will adhere to the standards of ethics in all its activities.

(vii) Transparency

The Institute will function according to defined procedures and rules, which will be informed to all stakeholders. The Institute will put all important information related to its functioning in college website [www.adityatekkali.edu.in](http://www.adityatekkali.edu.in)

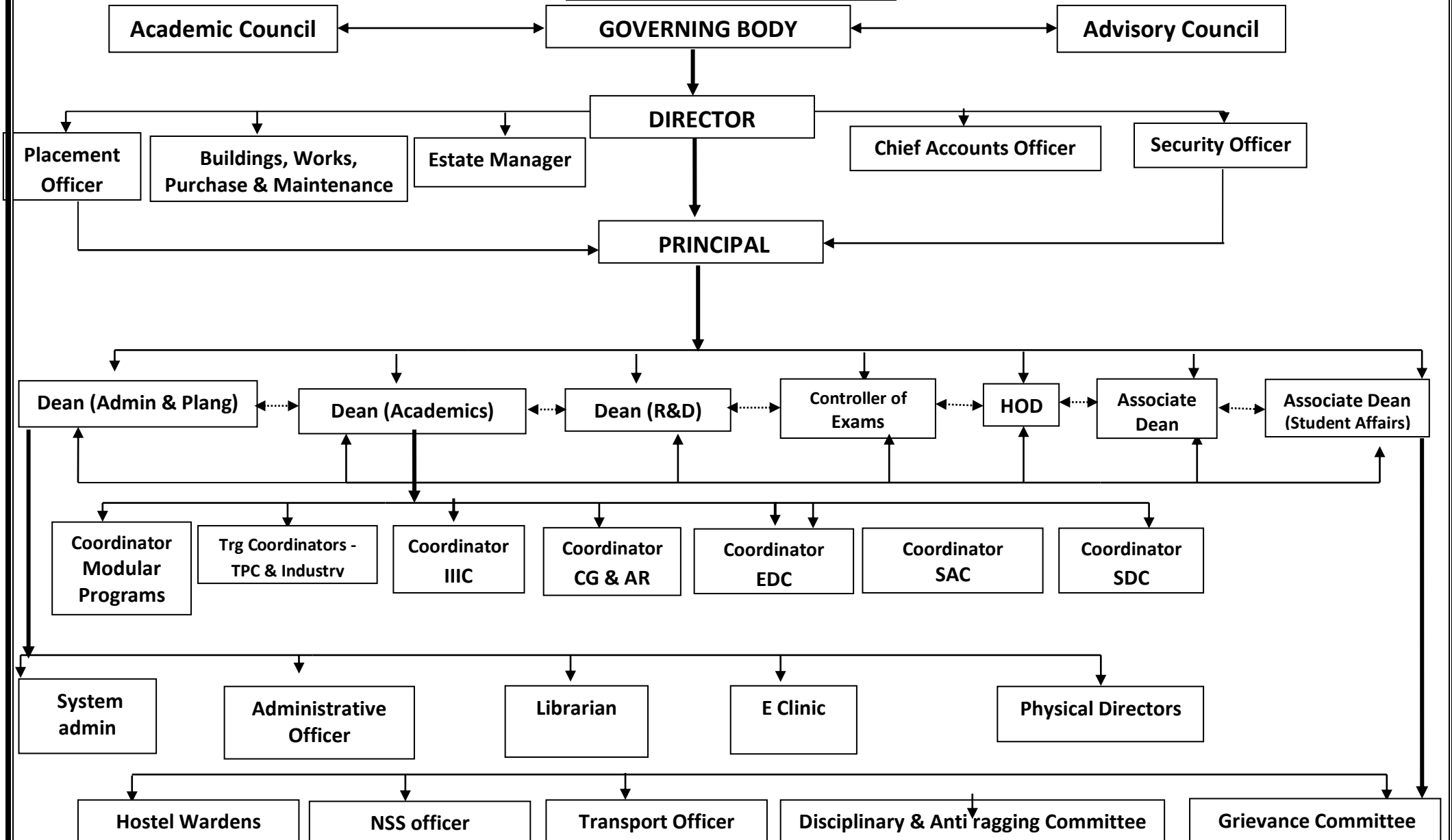
(viii) Empathy

An awareness of the conditions of the weaker sections of our society and contributions towards solution of their problems will form an integral part of the research and education programmes of the Institute. The vision articulates our future direction. The mission specifies our purpose of existence. The values assert our beliefs that guide our actions and behaviour. Taken together, they provide a road map to our destination.

# ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT (AITAM)

(An Autonomous Institution)

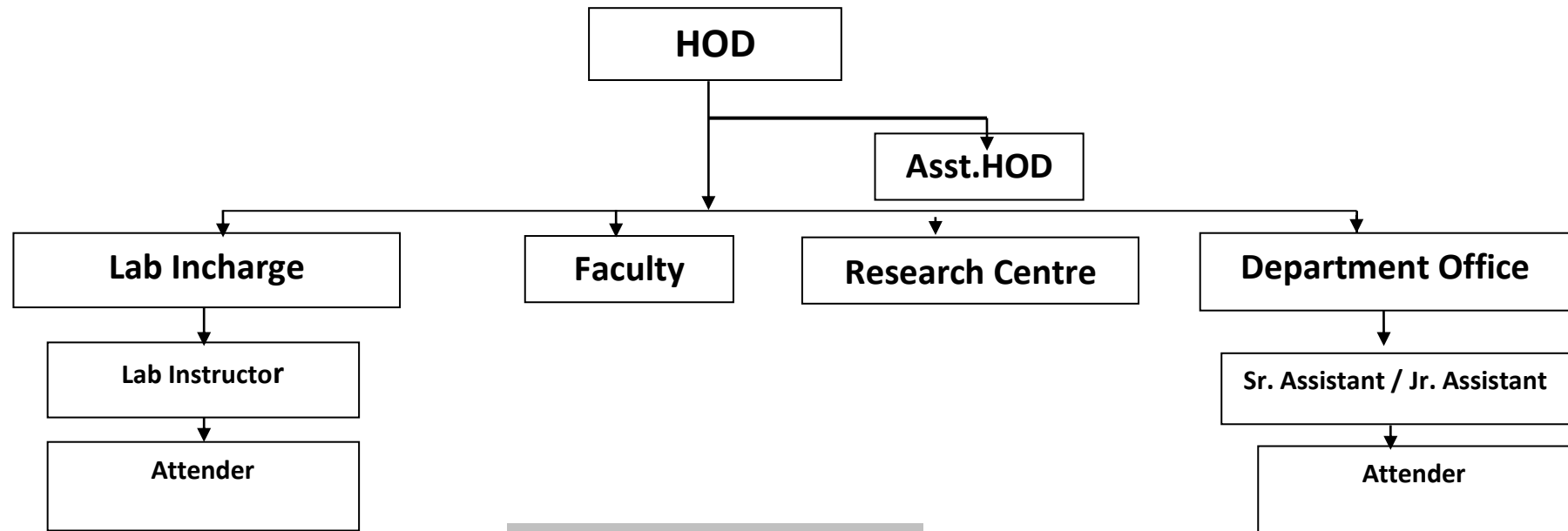
## ORGANISATION CHART



# ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT (AITAM)

(An Autonomous Institution)  
TEKKALI, SRIKAKULAM DIST

## DEPARTMENTAL - CHART



## Duties and Responsibilities

- Admissions
- Timetable
- Class Instruction & Labs
- Teaching Learning Process
- Attendance
- Examinations
- Results
- Fees
- Internship
- Class Seminars

- Assignments, Remedial & Tutorial class
- Diagnostic Tests & Bridge Classes
- Projects & Project Viva
- Professional Membership
- Progress Reports & communication
- Training & Placements
- Student Counseling
- Discipline & Dress code
- Syllabus Coverage

- Departmental Seminars/ Workshops/Conferences
- Student Development
- Faculty Development
- R&D Projects (AICTE,DST,UGC Etc.,)
- Accreditations ( NBA & NAAC )
- Approvals (AICTE,UGC & University)
- Research and Consultancy
- Departmental Budget
- Modular Programs
- Alumni Relations

## GOVERNING BODY

S.No.	Name of the Member	Category	Nature
1	Prof. D. Nageswara Rao	Nominated by the Management	Chairman
2	Dr. K. Someswara Rao Chairman Sri Aditya Educational Society	Management	Member
3	L.L. Naidu Secretary Sri Aditya Educational Society	Management	Member
4	T. Naga Raju Treasurer Sri Aditya Educational Society	Management	Member
5	V. Lakshmana Rao Director Sri Aditya Educational Society	Management	Member
6	V. Sudha Priya	Management	Member
7	Prof. V. V. Nageswara Rao	Faculty of the College	Member
8	Dr. D. Vishnu Murty	Faculty of the College	Member
9	M. Sundaresan Regional Officer SCRO, AICTE, Hyderabad	Nominated by AICTE	Ex-officio Member
10	Dr. Dinesh Panjwani Principal R.D. National College Bundra, Mumbai	Nominated by UGC	Ex-officio Member
11	Dr. A. Swarna Kumari Prof. in Mech. Dept. & Programme Director Empowerment of Women & Grievances, JNTUK, Kakinada	Nominated by JNTUK University, Kakinada	Ex-officio Member
12	B. Lakshmana Rao Principal, Govt. Polytechnic Amadalavalasa, Srikakulam	Nominated by State Govt	Ex-officio Member
13	Dr. T. Radhakrishna Professor (Retd.), JNTUH, Hyd.	Nominated by College	Member
14	Dr. C. Krishna Mohan Professor, IIT, Hyd	Nominated by College	Member
15	Mr. B. Sambasiva Rao Managing Director Sravan Shipping Services Pvt. Ltd. Visakhapatnam	Industrialist	Member
16	Dr. K.B. Madhu Sahu	Principal of the College	Member Secretary





# 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)

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### MEMBERS OF ACADEMIC COUNCIL (w.e.f. Academic year 2015-16)

SL.NO	NAME OF THE MEMBER	DESIGNATION	NOMINATION
1	Dr. B.L.Deekshatulu	Honorary Chairman	Nominated by Governing Body
2	Dr.K.B .Madhu Sahu	Chairman	Principal
3	Dr.G.Sateesh Kumar	Member	HOD-ECE
4	Dr.G.S.N.Murthy	Member	HOD-CSE
5	Dr.D.Vijay Kumar	Member	HOD-EEE
6	Dr.C.J. Rao	Member	HOD-MECH
7	Dr.B.V.Ramana	Member	HOD-IT
8	Dr.M.Murali	Member	HOD-CIVIL
9	Dr.G.Vasanthi	Member	HOD-BS&H
10	Dr.B.Siva Kumar	Member	HOD-MBA
11	Dr.N.B.Venkateswarlu	Member	Faculty
12	Prof.V.V.Nageswara Rao	Member	Faculty
13	Dr. D.Vishnu Murthy	Member	Faculty
14	Dr.A.S. Srinivasa Rao	Member	Faculty
15	Dr. Aniruddin Dasu, V.P., Polaris FT, Hyd.	Member	Nominated by Governing Body
16	Dr. N.C.Siva Prakash, Prof., IISC, Bangalore	Member	Nominated by Governing Body
17	Dr.N.K.Srinath, Prof., RVC, Bangalore	Member	Nominated by Governing Body
18	Mr. Surampudi Srikanth, HR, TCS, Hyd.	Member	Nominated by Governing Body
19	Dr.Prasad Reddy PVGD, Prof., AU, Vizag	Member	Nominated by Governing Body
20	Dr.Srinagesh Chatarajupalli, Hyd. STP DC Manager, Infosys, Hyd.	Member	Nominated by Governing Body
21	Dr.K.Padma Raju, DAP, JNTUK	Member	Nominated by University VC
22	Dr.P.Subba Rao, DE, JNTUK	Member	Nominated by University VC
23	Dr.A.Swarna Kumari, Programme Director, Empowerment of Women & Grievances, JNTUK	Member	Nominated by University VC
24	Dr.D.Azad	Co-Ordinator	Nominated by Principal

*K.B. Madhu Ch*  
PRINCIPAL  
ADITYA INSTITUTE OF  
TECHNOLOGY & MANAGEMENT  
TEKKALI

**ENGLISH (AR16)**  
**BOS MEMBERS**

<b>S.No.</b>	<b>Name of the Member</b>	<b>Designation</b>
1	Dr. C.L.L. Jayaprada	Professor of English, Andhra University Visakhapatnam
2	Dr. B. Sai Lakshmi	Head of General Section, Govt. Polytechnic Visakhapatnam
3	Dr. Suvarna Lakshmi	Associate Professor of English, JNTU Vizianagaram
4	Dr. P. Prasantham	Associate Professor of English, AITAM
5	C. Visweswara Rao	Sr. Asst. Professor, AITAM
6	M. Papi Niadu	Asst. Professor, AITAM

**MATHEMATICS (AR16)**  
**BOS MEMBERS**

<b>S. No.</b>	<b>Name of the Member</b>	<b>Designation</b>
1	Dr. V. Ravindranadh	Prof. In Mathematics, Director of Admissions, JNTUK, Kakinada
2	Dr. S. GovindaRao	Scientist in Statistics, Regional Agricultural
3	Dr. G. Vasanti	Prof. in Mathematics & HOD, BS&H, AITAM
4	Dr. R. Santhi Kumar	Assoc .Prof. BS&H
5	Dr. M.V. Ratna Mani	Sr. Asst. Prof. BS&H
6	N. Lakshman Rao	Sr. Asst. Prof. BS&H

**CHEMISTRY (AR16)**  
**BOS MEMBERS**

<b>S. No.</b>	<b>Name of the Member</b>	<b>Designation</b>
1	S.V. Maruti Prasad	Faculty
2	Dr. H. Rama Mohan	Faculty
3	M. Bala Krishna	Faculty
4	A. Uday Sri	Faculty
5	Dr. G. Nageswara Rao	Expert member Nominated by Academic Council
6	Dr. Ch. Nageswara Rao	Expert member nominated from Industry related to placements

**PHYSICS (AR16)  
BOS MEMBERS**

<b>S. No.</b>	<b>Name of the Member</b>	<b>Designation</b>
1	Dr. B. Srinivasa Rao	Professor
2	K. Ravi Kumar	Faculty
3	S. Bheemeswara Rao	Faculty
4	P. Suresh Patnaik	Faculty
5	Nageswara Rao	Faculty
6	Dr. M. Ravi Kumar	By Academic Council
7	Dr. Ch. Nageswara Rao	By Academic Council

**CIVIL (AR16)  
BOS MEMBERS**

<b>S. No.</b>	<b>Name of the Member</b>	<b>Member</b>	<b>Nomination</b>
1	Dr. M. Murali	Chairman	HOD
2	Ch. Kannam Naidu	Member	Faculty
3	S. Ramlal	Member	Faculty
4	G. Gowrishankar Rao	Member	Faculty
5	Ch. Chandra Mouli	Member	Faculty
6	Ch. V. Hanumantha Rao	Member	Faculty
7	Dr. R. Pradeep Kumar Prof. in Civil Engg. (IIIT, HYD)	Member	Nominated by Academic council
8	Dr. T.D. Gunneswara Rao Prof. in Civil Engg. (NIT WARANGAL)	Member	Nominated by Academic council
9	Dr. K. Ramu Prof. in Civil Engg. JNTUK	Member	Nominated by University



**CSE (AR16)**  
**BOS MEMBERS**

<b>S. No.</b>	<b>Name of the Member</b>	<b>Designation</b>	<b>Nomination</b>
1	Dr. G.S.N. Murty	HOD, CSE	Chairman
2	Dr. N.B. Venkateswarlu	Sr. Professor	Faculty Member
3	Prof. D.T.V. Dharmajee Rao	Professor	Faculty Member
4	Dr. Ch. Ramesh	Professor	Faculty Member
5	U.D. Prasan	Assoc. Professor	Faculty Member
6	R. Srinivas	Assoc. Professor	Faculty Member
7	Y. Ramesh	Assoc. Professor	Faculty Member
8	M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member
9	P.K. Sahu	Assoc. Professor	Faculty Member
10	S. Vishnu Murthy	Assoc. Professor	Faculty Member
11	Dr. D. Rajya Lakshmi	Professor & Head Dept. of CSE, JNTUK- VZM Campus	Expert member Nominated by University
12	Dr. D.V.L.N. Somayajulu	Professor, Dept. of CSE NIT – Warangal	Expert member Nominated by Academic Council
13	Dr. R. Govinda Rajulu	Professor, IIIT – Hyderabad	Expert member Nominated by Academic Council
14	Ajay Reddy	Vice President at Capgemini India Pvt. Ltd	Expert member Nominated from Industry Related to Placements
15	K. Tata Rao	Mobodexter Software India Pvt. Ltd. Bangalore	PG Alumni

**ECE (AR16)  
BOS MEMBERS**

<b>S.No.</b>	<b>Name of the Member</b>	<b>Nomination</b>
1	Dr. G. SATEESH KUMAR Prof. & HOD, ECE	Chairman
2	Dr. K. SATYA PRASAD Prof. Dept. of ECE, JNTUK, Kakinada	Expert Member Nominated By University
3	Dr. G. SASIBHUSHANA RAO Prof. Dept. of ECE, A.U. Visakhapatnam	Expert Member Nominated By Academic Council
4	Dr. S. SRINIVASA KUMAR Prof. Dept. of ECE, Director (Research & Development), JNTUK	Expert Member Nominated By Academic Council
5	Dr. R. RAMANA REDDY Prof. & HOD, Dept. of ECE, MVGRCE	Special Invitee
6	M.S. SUBRAMANYAM Academic Relationship Manager, TCS Hyderabad	Placements
7	D.V. Ramana Asst. Prof. Dept. of ECE, GMRIT, Rajam	PG Alumni
8	Dr. Y. GOPALA RAO Sr. Professor, ECE	Faculty Member
9	Dr. A.S. SRINIVASA RAO Professor & Dean, Finishing School	Faculty Member
10	Dr. B. RAMA RAO Professor, & Asst. HOD, ECE	Faculty Member
11	M. JAYAMANMADHA RAO Professor, ECE & Assoc. Dean, Student Affairs	Faculty Member
12	Dr. M.N.V.S.S. KUMAR Assoc. Professor, ECE	Faculty Member
13	Sri P. VENKATA MURALIDHAR Assoc. Professor, ECE	Faculty Member
14	M.V.H.B. MURTHY Assoc. Professor, ECE	Faculty Member
15	G.S.S.S.S.V.KRISHNA MOHAN Assoc. Professor, ECE	Faculty Member
16	D. YUGANDHAR Assoc. Professor, ECE	Faculty Member
17	B. CHINNA RAO Assoc. Professor, ECE	Faculty Member
18	V. ASHOK KUMAR	Faculty Member

	Assoc. Professor, ECE	
19	Ch. RAJASHEKARA RAO Assoc. Professor, ECE	Faculty Member
20	V. LOKESH RAJU Assoc. Professor, ECE	Faculty Member
21	K. CHIDAMBARA RAO Assoc. Professor, ECE	Faculty Member
22	M.S.R. NAIDU Assoc. Professor, ECE	Faculty Member
23	K.V.L. BHAVANI Assoc. Professor, ECE	Faculty Member
24	D. HARI HARA SANTHOSH Assoc. Professor, ECE	Faculty Member

**MECH (AR16)  
BOS MEMBERS**

**EXTERNAL MEMBERS**

<b>S. No.</b>	<b>Name of the Member</b>
1	Dr. B. Balakrishna
2	Dr. K. Ramji
3	Dr. M. Ramji
4	Gangaram Janyavula

**INTERNAL MEMBERS**

<b>S. No.</b>	<b>Name of the Member</b>
1	Dr. C. J. Rao
2	Dr. N. Hari Babu
3	Dr. D. Sreeramulu
4	Dr. D. Azad
5	D. Lokanadham
6	A. Srinivasa Rao
7	P. Srihari
8	M. V. Ramana
9	N. Ramesh

**PG ALUMNI**

<b>Name of the Member</b>
N. Siva Kameswara Rao

**EEE (AR-16)  
BOS MEMBERS**

S. No.	Nomination	BOS Members
1	Expert Member Nominated By University	Dr. R. Srinivasa Rao Professor, EEE Dept. JNTUK Kakinada
2	Expert Member Nominated Academic Council	Dr. P. Mallikarjuna Rao, Professor, Dept. of EEE Andhra University, Visakhapatnam
3	Expert Member Nominated By Academic Council	Dr. R. K. Sahu Associate Professor & Head Electrical Engineering VSSUT Burla, Orissa
4	Placements	Dinesh K Babu Oltech Group, Chennai
5	Faculty	Dr. K.B. Madhu Sahu, Professor & Principal
		B. Srinivasa Rao, Assoc. Professor, EEE
		Dr. Ch. Ravi Kumar, Assoc. Professor, EEE
		S. Naga Raju, Assoc. Professor, EEE
		P. Balamurali, Assoc. Professor, EEE
		CH. Krishna Rao, Assoc. Professor, EEE
		N. Tejeswara Rao, Assoc. Professor, EEE
6	Alumni	B.V. Acharyulu Asst. Professor, EEE Lendi College of Engineering, Vizianagaram
7	Chairman	Dr. D. Vijaya Kumar, Prof. & HOD, EEE

**IT (AR16)  
BOS MEMBERS**

S.No.	Name of the Member	Designation	Nomination
1	Dr. B. V. Ramana	Prof. & HOD	Chairman
2	Dr. G. Nageswara Rao	Professor	Faculty
3	B. Ramesh Naidu	Assoc. Professor	Faculty
4	K. Kavitha	Sr. Asst. Prof.	Faculty
5	Dr. D. Raja Lakshmi	Professor & HOD of CSE Dept. UCEK	Expert Member Nominated By University
6	Dr. Suresh Purini	Assistant Professor, IIIT, Hyderabad	Expert Member Nominated By Academic Council
7	Dr. P. Radha Krishna	Principal Research Scientist, Infosys Technologies Ltd, Hyderabad	Expert Member Nominated By Academic Council

8	Satya Thopalli	Sr. Head – HR, Sphere Hyderabad	Expert Member Nominated from Industry related to placements
9	Munagavalasa Siva Rama Krishna	Technology Analyst, Infosys, Hyderabad	PG Alumni

**MBA (AR16)  
BOS MEMBERS**

<b>S.No.</b>	<b>Name of the Member</b>	<b>Designation</b>
1	Dr. B. Sivakumar, HOD	Chairman
2	Dr. D. Vishnumurthy, Faculty	Member
3	Dr. C. P Patnaik, Faculty	Member
4	Dr. B. Balaram, Faculty	Member
5	Saumendra Das, Faculty	Member
6	N. Saibabu, Faculty	Member
7	Dr. I.V. Muralikrishna	Expert
8	Dr. V. Krishna Mohan	Expert
9	Dr. N. Sambasiva Rao	Expert
10	I.V.S. Ranganath	Expert from Industry
11	S. Rajababu	Alumni

**DEANS**

1	DEAN (Academics)	Dr. A.S. Srinivasa Rao
2	DEAN (R&D)	Dr. N. Hari Babu
3	DEAN (Finishing School)	D. Yugandhar (Incharge)
4	DEAN (Administration & Planning)	Dr. D. Vishnumurthy

### HEADS OF THE DEPARTMENTS

1	CIVIL	Dr. G.T. Naidu
2	EEE	Dr. D. Vijaya Kumar
3	MECH	Dr. C.J. Rao
4	ECE	Dr. G. Sateesh Kumar
5	CSE	G.S.N. Murty
6	IT	Dr. B.V. Ramana
7	BS&H	Dr. G. Vasanthi
8	MBA	Dr. B. Balaram

### INTERNAL QUALITY ASSURANCE CELL (IQAC)

**Objective of the IQAC:** The primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

#### Ten Action Points of IQAC

- Designing and Implementing Annual Plans for quality enhancement
- Arrange for feedback responses from students
- Development and application of quality benchmarks/ parameters for the various academic and administrative activities of the institution
- Retrieval of information on various quality parameters of higher education and best practices followed by other institutions
- Organization of workshops and seminars on quality-related themes and promotion of quality circles and institution-wide dissemination of the proceedings of such activities
- Development and application of innovative practices in various programmes/activities leading to quality enhancement
- Participation in the creation of a learner-centric environment conducive for quality education

- To work for the development of internalization and institutionalization of quality enhancement policies and practices
- To act as a nodal unit of the institution for augmenting quality-related activities
- To prepare focused Annual Quality Assurance Reports (AQARs)

### IQAC COMMITTEE

1	Prof. V.V. Nageswara Rao, Director	Chairman	Teacher
2	T. Naga Raju, Treasurer	Member	Management
3	T. Naga Seshu, Director	Member	Management
4	Dr. K.B. Madhu Sahu, Principal	Member	Teacher
5	D. Lokanadham, Associate Professor, Dept. of ME	Member	Teacher
6	Dr. Ch. Ravi Kumar Professor, Dept. of EEE	Member	Teacher
7	Dr. Saumendra Das, Sr. Asst. Professor, Dept. of MBA	Member	Teacher
8	M.V.B. Chandra Sekhar, Associate Professor, Dept of CSE	Member	Teacher
9	V. Lokesh Raju, Associate Professor, Dept. of ECE	Member	Teacher
10	V. Raja, Vice President, Sonovi Software Technology Bangalore	Member	Industrialist
11	G. Sambasiva Rao, MD, Sravan Shipping Services Pvt. Ltd	Member	External expert
12	S. Sekhar (2002-2006), EPDM application manager	Member	Alumni
13	Anil Kumar (2005-2009), Senior executive, Siemens, Ltd	Member	Alumni
14	R. Chandra Mohan, Web Master	Member	Technical Staff
15	M. Sridhar, Asst. HR	Member	Administrative staff
16	A.D. Prasada Rao, Gayatri Nagar, Palakonada, SKLM	Member	Community representative
17	P. Sarada, Amudalavalasa, Srikakulam	Member	Community representative
18	Dr. Ch. Ramesh, Professor, Dept. of CSE	Coordinator	Teacher

### LIST OF PROGRAMMES OFFERED

S. No.	PROGRAMME
1	B. Tech. (COMPUTER SCIENCE AND ENGINEERING)
2	B. Tech. (ELECTRONICS & COMMUNICATION ENGINEERING)
3	B. Tech. (ELECTRICAL AND ELECTRONICS ENGINEERING)
4	B. Tech. (MECHANICAL ENGINEERING)

5	B. Tech. (INFORMATION TECHNOLOGY)
6	B. Tech. (CIVIL ENGINEERING)
7	M. Tech. (VLSI SYSTEM DESIGN)
8	M. Tech. (DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS)
9	M. Tech. (COMPUTER SCIENCE AND ENGINEERING)
10	M. Tech. (POWER ELECTRONICS AND DRIVES)
11	M. Tech. (THERMAL ENGINEERING)
12	M. Tech. (INFORMATION TECHNOLOGY)
13	MBA (MASTERS IN BUSINESS ADMINISTRATION)

### STUDENT INTAKE & ADMISSION

Level of the Program	Name of the Program	2017-18	
		Intake	Admissions
UG	B. Tech. (Computer Science and Engineering)	180	182
UG	B. Tech. (Electronics & Communication Engineering)	180	186
UG	B. Tech. (Electrical and Electronics Engineering)	180	149
UG	B. Tech. (Mechanical Engineering)	120	145
UG	B. Tech. (Information Technology)	60	31
UG	B. Tech. (Civil Engineering)	120	137
PG	M. Tech. (VLSI System Design)	18	5
PG	M. Tech. (Digital Electronics and Communication Systems)	-	-
PG	M. Tech. (Computer Science and Engineering)	18	4
PG	M. Tech. (Power Electronics and Drives)	18	3
PG	M. Tech. (Thermal Engineering)	18	5
PG	M. Tech. (Structural Engineering)	18	14
PG	M. Tech. (Information Technology)	-	-
PG	MBA (Masters in Business Administration)	60	46
<b>Total</b>		<b>990</b>	<b>907</b>

**STUDENTS AND FACULTY RATIO DATA: 12.5**

### FEEDBACK ANALYSIS AND REWARD / CORRECTIVE MEASURES TAKEN, IF ANY

Feedback mechanism is a well organized system in the college. The system of feedback collection is automated. For each student in a class a new ID is created, by using that the student can log into the feedback marking software without



giving their names. Once they logged in to the software, the list of faculties taking courses in that class will be displayed. They can enter their feedback according to a questionnaire. The software will analyze the collected feedback and summary is given to head of department with marks secured. HOD will analyze the feedback of each faculty and will take necessary actions.

### **An overview of Feedback Evaluation for Faculty Members**

S. No.	Item	Response
1	Feedback collected for all courses	Yes
2	Specify the feedback collection process	Online
3	Who collects the feedback	Faculty members in charge of student feedback
4	Frequency of collection	Two times per semester
5	Percentage of students participating	All students

## **FEEDBACK TEMPLATE**

Student Feedback Form

1.Teacher comes to class on time

1 Dr.P.Prasantham/N.Sailaja : English Communicaton Practice

2 T.Viswanadham : Engineering Mathematics - II

3 Dr.H.Ram Mohan : Environmental Studies

4 R.Srinivas : Data Structures

5 D.Bhanu Chandar : Engineering Mechanics

6 M.Bala Krishna : Engineering Chemistry

2.Teaching is well planned

3.Teacher makes objectives clear

4.Subject matters are organized in logical sequence

5.Teacher comes well prepared in the subject

6.Teacher speaks clearly and audibly

7.Teacher writes and draws visibly

8.Teacher explains with examples clearly

**Student Feedback Form**

6. Teacher speaks clearly and audibly
7. Teacher writes and draws visibly
8. Teacher explains with examples clearly
9. Teaching pace is good, not very fast
10. Teacher offers assistance and counseling.
11. Teacher asks relevant questions for interaction
12. Teacher encourages raising doubts
13. Teacher ensures learning of subject
14. Teacher encourages originality and creativity
15. Teacher is courteous and impartial
16. Teacher is regular and maintains discipline
17. Teacher covers the syllabus at appropriate pace
18. Teacher holds quizzes, seminars regularly
19. Teacher correction of scripts is fair and impartial
20. Teacher Uploads the material in E-Portal

next >>

### **Feedback Analysis Process**

A committee consisting of Principal, Director and concerned Head of the Department will analyze the feedback and direct appropriate actions.

### **Reward / Corrective Measures, if any**

Based on feedback collected from students on faculty and the result analysis, the following reward / corrective measures are taken in the institution

#### **Reward**

Faculty getting the best feedback (more than 95%) shall be given a cash reward of Rs. 1000/-.

#### **Corrective Measures**

- Counsel the faculty who scored less than 65% feedback from the students
- Arranging Faculty development programmes by eminent faculty in the institution
- Issuing advisory memos

#### **Feedback Measures**

<b>Percentage</b>	<b>Description</b>
$\geq 85$	Excellent
$\geq 75$ to $< 85$	Good
$\geq 65$ to $< 75$	Satisfactory
$< 65$	Need to Improve

### Feedback on Facilities

The institute also regularly collects the feedback on the various facilities offered to the students. This feedback is also collected online and the analysis of the feedback is done in order to carry out any corrective measures. The following is the format through which feedback is collected from the students with regard to facilities of the college

Academic year:

Date:

Feedback points on Facilities: To a Very Great Extent: 5; To a Great Extent: 4; To a Moderate Extent: 3; To Some Extent: 2; Not at All: 1

S. No.	Description	To a Very Great Extent	To a Great Extent	To a Moderate Extent	To Some Extent	Not at All
1	How do you rate the overall environment of the college?					
2	Are you satisfied with the facilities offered by the library of your college?					
3	How do you rate the general amenities like toilets, drinking water in the college?					
4	How do you rate the environment of the canteen in terms of ambience, taste and operating hours?					
5	Are you satisfied with the training programs offered by the Training and Placement Cell of the college?					
6	Are you satisfied with the Hostel facility offered to you?					
7	How do you rate the response on any complaint given by the student on any issue?					
8	Are you satisfied with the method of Mentoring adopted by the college?					
9	How do you rate the extent of co-curricular and extracurricular					

	activities offered by the college?					
10	Are you satisfied with the sports facilities in the college?					
11	Are you satisfied with the speed of the internet in the college?					
12	Is the transportation provided by the college adequate?					
13	Is the health centre available in the Campus?					

Based on the suggestions and feedback given by the students the Head of department summarizes the feedback and submits a consolidated report to the principal who in turn discusses with the management in order to solve the problems.

The following are the details of collection of feedback on facilities from the students

- Mode of Collection of Feedback : Online
- Frequency of Collection : Every Semester

The following are the facilities that have been created as a result of the feedback.

- The size of the canteen has been increased considerably.
- Drinking water facility has been provided in all the floors of all blocks.
- Good amount of sports facilities have also been created.

### ACCREDITATION DETAILS

#### **NBA Cycle - 3<sup>rd</sup> Accreditation**

01-07-2017 to 30-06-2020 – (CSE, EEE, ECE and ME) – 3 Years TIER-II Format

#### **Autonomous Accreditation**

2013-14 to 2018-19

**DEPARTMENT OF CIVIL****LIST OF AITAM GOLD MEDALISTS, PASED IN MAY / JUNE**

S. No.	H.T. No.	Name of the Student	% of Marks / (CGPA)
1	14A51A0137	GUNTA PRASANTHI	9.07 (CGPA)
2	16A55A0106	CHILAKALAPALLI VANILALITHA	8.45 (CGPA)
3	17A55A0117	KINJARAPU TEJESWARA RAO	8.36 (CGPA)

**M. TECH. TOPPERS LIST**

S. No.	Branch	H.T. No.	Name of the student	Total Marks / (CGPA)
1	SE	17A51D8711	AKELLA RAMPRASAD	8.08 (CGPA)

**PASS PERCENTAGE AND TOPPERS IN UG/PG**

S. No.	BRANCH	PASS PERCENTAGE
1	Civil	78.08

**PAPER PUBLICATIONS OF THE FACULTY MEMBERS: 37****FACULTY AWARDED WITH Ph.D.**

S.No.	Department	Details of Faculty Members
1	Civil	B. VISWESWARA REDDY
2		V.B. NEELA
3		CH. VASUDEVA RAO
4		CH. KANNAM NAIDU
5		H. RAMAMOHAN
6		G. TIRUPATHI NAIDU

**No. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES CONDUCTED BY THE DEPARTMENT**

S. No.	Department	No. of Courses Conducted
1	Civil	2

**NO. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES ATTENDED BY THE FACULTY MEMBERS**

S.No.	Department	No. of Courses Attended
1	Civil	66

**NEW EQUIPMENT ADDED TO THE DEPARTMENT**

NEW EQUIPMENT ADDED TO THE DEPARTMENT		
S.No.	Department	Particulars
1	Civil	STAAD Pro & GIS Lab
		1 Bently STAAD Pro. Software renewal (5 Users) on 15.09.2017@ Rs. 1,38,000
GTE Lab		
2		Soil Moisture Tensio Meter purchased on 20.01.218@ Rs. 24,426

**STUDENTS QUALIFIED IN GATE/CAT/GRE**

Department	No. of Students Qualified
Civil	01 (GATE)

**ACADEMIC PROMOTIONS**

S.No.	Department	Details of Faculty Promotions
1	Civil	Mr. G. T. Naidu promoted as Professor on 01.07.2017
2		Dr. Ch. Vasudeva Rao promoted as Professor on 01.07.2017

**DEPARTMENT OF EEE****LIST OF AITAM GOLD MEDALISTS**

S.No.	CLASS	H.T. No	Name of the Student	% of Marks
1	I B.TECH	17A51A0260	GUNTU POLICE	8.84
2	II B.TECH	17A55A0231	DANTA DILLESWARA RAO	8.49
3	III B.TECH	15A51A0282	MUDILI LIKHITHA	8.08
4	IV B.TECH	15A55A0222	KONNA VINODHKUMAR	9.17
5	I. M.TECH	17A51D4302	THANGI BHARGAV TEJA	8.62

**M.TECH. TOPPERS LIST**

BRANCH	H.T. No.	NAME OF THE STUDENT	TOTAL MARKS
M.TECH. PEED	17A51D4302	THANGI BHARGAV TEJA	8.62

**PASS PERCENTAGE AND TOPPERS IN UG/PG**

S. No.	BRANCH	PASS PERCENTAGE
1	I B.TECH	65.42
2	II B.TECH	68.06
3	III B.TECH	74.48
4	IV B.TECH	82.08
5	I M.TECH.	100

**PAPER PUBLICATIONS BY THE FACULTY MEMBERS**

Department	Academic Year	No. Paper Publications
EEE	2017-18	36

**RESEARCH PROJECTS SANCTIONED**

Department	Source of Funding	Total Cost	Title of the Project	Name of the Project Investigator
EEE	SERB/DST/ NEW DELHI	35,34,240/-	"Analysis Design and Installation of 6KW Solar Smart Water Purifier in the Ground Water Polluted Areas of KAVITI Mandal-a DEATH ZONE of Srikakulam District, Andhra Pradesh"	Dr. K. Kiran Kumar
EEE	MODROBS Ref.No.9-122/FIFD/MODROB/ Policy-I/2016-17	12,36,250/-	Modernization of Electrical Machines Lab	Dr. K.B. Madhu Sahu

**No. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES CONDUCTED BY THE DEPARTMENT**

Department	No. of Courses Conducted
EEE	1

**No. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES ATTENDED BY THE FACULTY MEMBERS**

Department	No. of Courses Attended
EEE	12

**NEW EQUIPMENT ADDED TO THE DEPARTMENT**

Department	Lab Name	Particulars	Cost
EEE	Power Electronics Lab	1. Study of Characteristics of SCR, MOSFET, & IGBT 2 No.	18,656/-
		2. Gate firing circuits for SCRs 2 No.	16,944/-
		3. 1 $\phi$ Half controlled converter with R&RL Loads 2 No.	12,720/-

	4. 1 $\phi$ Fully controlled converter with R&RL Loads 2 No.	12,720/-
	5. 1 $\phi$ AC Voltage controller converter with R&RL Loads	6,360/-
	6. 1 $\phi$ Parallel Inverter with R&RL Loads	15,888/-
	7. 1 $\phi$ stepdown cyclone – Converter with R & RL Loads	12,708/-
	8. Four Quadrant Operation of a DC motor using Dual Converter	84,708/-
	9. 3 $\phi$ Half controlled Bridge converter with R & RL Loads	16,584/-
	10. 1 $\phi$ Bridge Inverter with R & RL Loads 2 No.	16,944/-
	11. Study of DC-DC Buck Converter and DC- DC Boost Converter	38,160/-
	12. Study of DC-DC Buck-Boost Converter	38,080/-
	13. Accessories 1 $\phi$ Rheostat	12,708/-
	1 $\phi$ Inductive Load	15,888/-
	14. Regulated Power Supply (0-30V) 2A 4 No.	20,772/-
	15. 0-1V Analog Voltmeter 5 No.	7,695/-
	16. 0-30V Analog Voltmeter 5 No.	7,695/-

#### STUDENTS QUALIFIED IN GATE/CAT/GRE

Department	No. of Students Qualified
EEE	9

#### EXPERT LECTURES DELIVERED

S. No.	Department	EXPERT LECTURES DELIVERED/VENUE
1	EEE	B. Manmadha Kumar, VIT College, Visakhapatnam

#### ADMINISTRATIVE RESPONSIBILITIES DURING THE YEAR 2017-18

S. No.	Department	Name of the Faculty	Faculty Administrative positions
1	EEE	Dr. K.B. Madhu Sahu	Principal
2	EEE	Dr. D. Vijay Kumar	HOD
3	EEE	Ch. Ravi Kumar	Assoc. Dean, IQAC
4	EEE	Dr. K. Kiran Kumar	NBA/NAAC Coordinator
5	EEE	B. Srinivasa Rao	Asst. HOD/Anti Ragging In-charge
6	EEE	Ch. Krishna Rao	IQAC In-Charge
7	EEE	I. Ramesh	PG Coordinator Dept. Library/Electrical Maintenance In-Charge/



8	EEE	B.B. Rath	Exam Cell In-charge
9	EEE	K. Kanakaraju	Autonomous Coordinator
10	EEE	Dr. M. Murali	R&D Coordinator
11	EEE	B. Manmadha Rao	B.Tech. Project Coordinator
12	EEE	T. Jaganmohan Rao	Alumni / Placement Coordinator
13	EEE	S. Kumara Swamy	NSS Coordinator

### DEPARTMENT OF MECH

S. No.	H.T. No.	Name of the Student	% of Marks / (CGPA)
1	16A55A0312	KINTHALI SABAREESH	9.31
2	16A51A0351	LINGAM RUSHI MANIKANTA	8.82
3	17A51A0356	B JEEVAN KUMAR	8.8

#### M. TECH. TOPPERS LIST

S. No.	Branch	HT No.	Name of the student	Total Marks / (CGPA)
1	TE	17A51D2102	KUNA KRISHNAPRASAD	7.73

#### PASS PERCENTAGE AND TOPPERS IN UG/PG

BRANCH	PASS PERCENTAGE
ME	76.43

#### FACULTY AWARDED WITH Ph.D.

S. No.	Department	Faculty Members
1	Mechanical Engineering	Dr. C. J. Rao
2	Mechanical Engineering	Dr. N. Hari Babu
3	Mechanical Engineering	Dr. D. Vishnumurthy
4	Mechanical Engineering	Dr. D. Sreeramulu
5	Mechanical Engineering	Dr. D. Azaad

#### No. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES CONDUCTED BY THE DEPARTMENT

Department	No. of Courses Conducted
ME	02

#### No. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES ATTENDED BY THE FACULTY MEMBERS

Department	No. of Courses Attended
ME	55

**NEW INFRASTRUCTURE CREATED IN THE DEPARTMENT**

S. No.	Department	Particulars
1	ME	1. Notch Apparatus, Orifice & Mouth Pieces for FM&HM Lab Rs. 1. 18, 100/- 2. Retardation test for IC Engine, CI Engine, and Motoring test with Generator for TE Lab Rs. 5, 97, 639/-

**NEW EQUIPMENT ADDED TO THE DEPARTMENT**

S.No.	Department	No. of students qualified
1	ME	02 (GATE – 2016)
2	ME	01 (GATE – 2018)

**ADMINISTRATIVE RESPONSIBILITIES DURING THE YEAR**

S. No.	Department	Faculty Administrative positions
1	ME	Dr. Ch. Janardhana Rao ( HOD/Professor)
2	ME	Dr. D. Vishnu Murthy ( Dean A&P/Professor)
3	ME	Dr. N. Hari Babu ( Dean R&D/Professor)
4	ME	Dr. D. Sreeramulu ( Asst. HOD/Professor)
5	ME	Dr. D. Azad (CE/Professor)

**DEPARTMENT OF ECE****LIST OF AITAM GOLD MEDALISTS, PASSED IN MAY / JUNE**

S. No.	H.T. No	Name of the Student	% of Marks
<b>II B.TECH</b>			
1	16A51A04E0	SASANAPURI SRISAI	9
2	16A51A04G1	TEMBURU SAI MONIKA SOWMYA SRI	8.92
<b>III B.TECH</b>			
1	15A51A04H6	RANGOYI JEEVITHA	9.49
2	15A51A0459	GUDLA MADHURI	8.99
<b>IV B.TECH</b>			
1	14A51A0419	BARATAM VASAVI DURGA	9.14
2	14A51A0479	KORADA PRIYANKA	8.98

**M.TECH. TOPPERS LIST**

S. No.	BRANCH	H.T. No.	NAME OF THE STUDENT	TOTAL MARKS
1	VLSI	16A51D5702	RUNKANA ANITA	8.12
1	DECS	16A51D3801	PUTHIKA LATHASRI	8.35

**No. OF PAPER PUBLICATIONS BY THE FACULTY MEMBERS**

Year	Journal / Conference Publications
2017-18	22

**RESEARCH PROJECTS SANCTIONED**

Department	Source of funding	Total cost	Title of the project	Name of Principal Investigator	Year of sanction
ECE	UGC	261500/-	Development of new algorithm for detection of terrorists-robbers -last people and suspicious people in public places	D.H.H. Santosh	2017-18

**FACULTY AWARDED WITH Ph.D.**

S.No.	Department	Faculty Members
1	ECE	Dr. M. JAYA MANMADHARAO

**No. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES ATTENDED BY THE FACULTY MEMBERS**

Department	No. of courses Attended
ECE	02 (No. of faculty attended=3)

**ABROAD VISITS BY FACULTY MEMBERS OF THE DEPARTMENT**

S.No.	Department	Particulars
1	ECE	K. Chitambar Rao
		International conference on Progress in electromagnetic research symposium(PIERS) at Nanyang Technological University ,Singapore, Dates: Nov 19-22, 2017
		Title: Design, Simulation ,Analysis, Fabrication and Testing of integrated transmitting and receiving micro strip patch antenna for communicating with a satellite in S-Band communication.

**NEW EQUIPMENT ADDED TO THE DEPARTMENT**

Department	Particulars	Qty.
ECE	<b>MW Lab</b>	
	1. Klystron power supply	1
	2. Horn Antenna	1
	3. Klystron tube & mount	1
	4. Isolator	1
	5. D.R. Frequency meter	1
	6. Variable Attenuator	1

	7. Radiation turn table	1
	8. Dielectric Antenna	1
	9. Detector Mount	1
	10. Parabolic dish	1
	11. Matched Terminals	1
	12. Waveguide Stand	4
	13. E-plan section horn	1
	14. Cooling Fans	1
	15. Fixed short	1
	16. H-Plan section horn	1
	17. Standard Gain horn	1
	18. Waveguide twister	1
	19. Waveguide bend E-plan	2
	20. Tripad stand antenna	1
	<b>DSP Lab</b>	
	1. Lenova Systems (i3 systems)	36
	<b>Microprocessor Lab</b>	
	1. 8259 Study card	
	2. 8255 Study card	2
	3. 8251 / 53 Study card	2
	4. Stepper Motor Interface + Motor	2
	<b>PDC Lab</b>	
	1. Dual Regulated Power supply	3
	2. Cathode Ray Oscilloscopes	2
	3. Function Generator	3
	<b>LICA Lab</b>	
	1. Cathode ray oscilloscope	4
	2. Signal generator	5
	<b>EDC Lab</b>	
	1. Cathode ray oscilloscope	3
	2. Dual Regulated power supply	3
	3. Function generator	2

#### STUDENTS QUALIFIED IN GATE/CAT/GRE

Department	No. of Students Qualified
ECE	1

#### ADMINISTRATIVE RESPONSIBILITIES DURING THE YEAR 2017-18

S.No.	Department	Faculty Administrative positions
1	ECE	Dr M.N.V.S. Kumar as Placement Officer
2	ECE	D. Yugandhar as Incharge of Finishing school

**DEPARTMENT OF CSE****LIST OF AITAM GOLD MEDALLISTS**

Year	H.T. No	Name of the Student	% of Total Marks
2017-18	14A51A0525	Chintalapudi Naveen	8.87 SGPA
	15A51A05D0	Ladi Priyanka	9.05 SGPA
	16A51A0587	Ladi Hemalatha	8.9 SGPA

**M.TECH. TOPPERS LIST**

S.No.	Branch	H.T. No	Name Of The Student	Total Marks
1	2017-18	16A51D5802	Suru Lakshmi Sri	7.96 SGPA

**PASS PERCENTAGE AND TOPPERS IN UG/PG**

Branch	Pass Percentage
CSE	85.2

**NO. PAPER PUBLICATIONS BY THE FACULTY MEMBERS**

Year	No. of Paper Publications
2017-18	24

**FACULTY AWARDED WITH Ph.D.**

S.No.	Department	Faculty Members
1	CSE	Dr. G.S.N. Murty
2	CSE	Dr. Ch. Ramesh
3	CSE	Dr. U.D. Prasan
4	CSE	Dr. T.P.R.Vital

**NEW INFRASTRUCTURE CREATED THE DEPARTMENT**

Year	Particulars
2017-18	LCD - 2

**No. STUDENTS QUALIFIED IN GATE/CAT/GRE**

Year	No. of Students Qualified
2017-18	3

## DEPARTMENT OF IT

### LIST OF AITAM GOLD MEDALISTS

S.No.	YEAR	NAME OF THE STUDENT	ROLL NUMBER	% OF MARKS	RANK	MEDAL
1	I B.TECH.	SASAPU TEJA	16A51A1247	8.62	FIRST	GOLD
2	II B.TECH.	POTNURU SAI KRISHNA	15A51A1226	8.07	FIRST	GOLD
3	III B.TECH.	SUJIT KUMAR SHAH	13A51A1203	8.29	FIRST	GOLD

### PASS PERCENTAGE AND TOPPERS IN UG

BRANCH/ YEAR	2017-18	I-I %	I-II %	II-I %	II-II %	III-I %	III-II %	IV-I %	IV-II %
INFORMATION TECHNOLOGY		23.07	65.38	76	72.91	72.41	82.75	85.71	100

### PUBLICATIONS IN INTERNATIONAL JOURNALS

S. No.	Author	Title of Paper	Journ al Name & Publis her Name	Vol. No., Issue No., Page No., & Date	ISBN/ ISSN No. (Online & Print)	Other Informatio n
1	Dr. K. Yogeswara Rao	Product Recommendation System from Users Reviews using Sentiment Analysis	IJCA& FCS	Vol:169 Issue:1 Pages: 30-37& July 2017	ISSN:0975 – 8887	Peer reviewed  Impact Factor:0.702  DOI:10.5120
2	Dr. K. Yogeswara Rao	An Automated Traffic Surveillance Control system by using STC algorithm	IICTT	Volume 54,  Issue 2&  PAGES:74-80	ISSN (Online): 2231-2803	Peer reviewed  Impact Factor:2.75  h-index:19
3	Ch. Ravi Kishore	Content based Image Retrieval using colour	IJPAM	Vol. 118	ISSN(Online):1314	cites per paper" (impact of

		histogram, GLCM and Fourier descriptors		No.20 pages:46 13-4617	-3395	the journal) has become 7.19  Google Scholar: H-Index: 28;  G-Index: 48
4	B. Ramesh Naidu	Biometric authentication data with three traits using compression technique, HOG, GMM and fusion technique	Elsevier Science Direct	March 2018  Pages:19 76-1986	ISSN:2352-3409	<a href="https://doi.org/10.1016/j.dib.2018.03.115">https://doi.org/10.1016/j.dib.2018.03.115</a>
5	Ch. Chandra Sekhar, J. Uday Kumar & B. Kishor Kumar	Effective use of Big Data Analytics in Crop planning to increase Agriculture Production in India	IJAST & SERS C Australia	Vol.113 (2018), pp.31-40	ISSN: 2005-4238 IJAST	Impact Factor:0.251

#### INTERNATIONAL CONFERENCES

S. No.	Author	Title of Paper	Name of the Conference	Venue & Dates	ISSN/ ISBN No.	Proceedings in	Other Information
1	Ch. Ravi Kishore	Performance of various computational intelligence methods in IDS: An Analytical Perspective	SCDA 2018	10 <sup>th</sup> - 11 <sup>th</sup> March 2018	ISSN: 2194-5357	-	-
2	Ch. Chandra Sekhar, J. Uday Kumar & B. Kishor Kumar	Big Data Analytics on Indian Crop Planning to Increase Agricultural Production	Research on Smart Technologies in Data Science and Communications	Visakhapatnam & November 2017	ISSN: 2287-1233 /pp.211-216		DOI: 10.14257/astl.2017.147.30
3	Ch. Ravi Kishore	Content based image retrieval using color histogram, GLCM	ICCET2018	Vijayawada & 2 <sup>nd</sup> and 3 <sup>rd</sup>	-	-	-

		and fourier descriptors		April 2018			
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#### TEXT BOOKS AUTHORED

Name of the Faculty	Title of the Book	Published in
Dr. B.V. Ramana	DBMS Fundamentals	Vijaya Narasimha Publications

#### FACULTY AWARDED WITH Ph.D.

S.No.	Department	Faculty Members
1	IT	Dr. K. Yogeswara Rao

#### NO. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES CONDUCTED BY THE DEPARTMENT

S No	Department	No. of Courses Conducted
1	IT	1

#### NO. OF REFRESHER COURSES / WORKSHOPS / CONFERENCES ATTENDED BY THE FACULTY MEMBERS

S.No.	Department	No. of courses Attended
1	IT	10

#### EXPERT LECTURES DELIVERED

S.No.	Name of the Faculty	Venue	Topic	Year
1	Dr. B.V. Ramana	Sarada Institute of science technology and management, Srikakulam.	Database Recovery Techniques	2017
2	Dr. B.V. Ramana	Sanketika Vidya Parishad engineering college	Dead Lock	2017

#### ADMINISTRATIVE RESPONSIBILITIES DURING THE YEAR 2017-18

S.No.	Department	Faculty Administrative Positions
		<b>SEMESTER 1 &amp; SEMESTER 2</b>
1	Dr. B. V. RAMANA	HOD, BoS Chairman, Academic Council Member
2	Prof. G. NAGESWARA RAO	R&D Professor in-charge for CSE&IT Professional Body Coordinator (ISTE, CSI, IE, IETE) ISTE AP Section -State Management Committee Central In - Charge for APSSDC Dept. coordinator for IQAC PG Coordinator for all branches



3	B. RAMESH NAIDU	In-Charge H.O.D. CSI Coordinator, NBA Accreditation Coordinator:& NBA 1,2,3 Criterion Class Teacher for III-I IT & Student counsellor for III-I IT Dept. Timetable In-charge
4	K. KAVITHA	Women's Counselling Dept. Alumni Coordinator & Exam Cell In – Charge Student Counsellor for II-I IT
5	CH.CHANDRA SEKHAR	Class Teacher for IV-I IT NBA 6, 8 & 9 Criteria Coordinator Dept. Course Files Coordinator Dept. Computing & internet Coordinator Dept. EDC Coordinator
6	B. KISHOR KUMAR	Autonomous Syllabus Counselling Incharge Student Counsellor NBA 5,9 Criterion Dept. Autonomous Exam Cell Coordinator
7	CH.RAVIKISHORE	GATE Classes Central Placement Technical Trainer Dept. CGC Member
8	J. UDAY KUMAR	Modular Programme Coordinator Project Coordinator NBA 5,9 Criterion In-Charges for Seminars NBA SAR Coordinator
9	G. JAGADEESWARA RAO	TEQIP Coordinator Library Coordinator Tour Coordinator Feedback In – Charge Dept. Internship Coordinator Dept. Staff Meeting In – Charge Dept. Makeup, Remedial & Tutorial In - Charge (NBA 1,2&3)
10	CH.SRINIVASARAO	Class Teacher Student Counselor NBA 4,7, 9 Criterion Dept. Result Analysis In – Charge Dept. Industry Interaction Member Central Flying Squad Team Leader & Member
11	Y. Narasimha Murthy	Student Counselor & NBA 4,7 Criterion

## DEPARTMENT OF BS&H

### LIST OF REFRESHER COURSES / WORKSHOPS / CONFERENCES ATTENDED BY THE FACULTY MEMBERS

Department	No. of courses Attended
BS&H	33

### EXPERT LECTURES DELIVERED IN OTHER COLLEGES

S. No	Name of the Faculty	Date/Dates of Lecture	Institution/University visited	Topics delivered
1	V.V.V.S.S.P.S. Srikanth	14-5-2018 To 19-05-2018	Centurion university	Summer Immersion program
2	V.V.V.S.S.P.S. Srikanth	08-02-2018 to 09-02-2018	Centurion university	Aptitude workshop
3	Dr. R. Santhi Kumar	01-08-2017 to 01-02-2018	Govt. Arts College(Men), Srikakulam	P.G., Students class work, Topology & Number Theory.

### ACADEMIC PROMOTIONS

S. No	Name of the Faculty	Branch	Details of Faculty promotions From (with date)					
			From (with date)	To (with date)	From (with date)	To (with date)	From (with date)	To (with date)
			Asst Professor		Sr. Asst. Professor		Associate Professor	
1	Dr. M. Ramanaiah	BS&H	12-10-2010	29-02-2016	01-03-2016	30-06-2017	01-07-2017	Till date
2	Dr. H. Rama Mohan	BS&H	05-12-2007	31-01-2014	01-02-2014	30-06-2017	01-07-2017	Till date

## ENTREPRENEURSHIP DEVELOPMENT CELL

### EVENTS ORGANIZED

S. No	Name of the Program	No. of Days	From	To	No. of Participants	Chief Sponsor
1	Entrepreneurship Awareness Camp	3	20-06-2017	22-06-2017	79	EDII
2	Entrepreneurship Awareness Camp	3	05-07-2017	07-07-2017	79	EDII
3	International institute of Entrepreneurship Development(i2E)	1	18-08-2017		3	Knowledge partner North-eastern University, Boston, USA
	Student Workshop					
5	Entrepreneurship Awareness Camp	3	01-12-2017	03-12-2017	75	APPC, Hyderabad in association with EDII, Ahmadabad, Gujarat.
						Sponsored by NSTEDB, Govt. of India, New Delhi
6	Entrepreneurship Awareness program	3	29-01-2018	31-01-2018	70(MB A)	Andhra Pradesh State Skill Development Corporation
7	i2E Workshop on "Business Model Innovation -Current Drivers"	1	03-02-2018		8 (2 Faculty, 6 Students)	International Institute of Entrepreneurship Development

## TRAINING AND PLACEMENT CELL

### TRAINING PROGRAMS CONDUCTED

S. No.	Dates	Activity	Resource Person	Target Audience
1	28-08-17 to 01-09-17	Personality Development & Motivation"	Gampa Nageswara Rao, Renowned Psychologist, Hyderabad	I B.Tech. (All branches)
2	11-09-2017 to 23-09-2017	Communication Skills	Adishesha Sai, Trainer (Verbal & Softskills Trainer), Visakhapatnam	IV B.Tech. (All branches)
3	31-01-2018 To 03-02-2018	Communication Skills (Personality Grooming)	Adishesha Sai, Trainer (Verbal & Softskills Trainer), Visakhapatnam	III B.Tech. (All branches)

**PLACEMENTS DURING 2017-18**

<b>Name of the Dept.</b>	<b>No. of students on Rolls</b>	<b>No. of eligible students</b>	<b>No. of Students placed</b>	<b>Name of the company</b>	<b>Salary</b>
COMPUTER SCIENCE ENGINEERING	158	139	1	EFFTRONICS	1.80
			2	ANALYTICAL GROUP	2.40
			4	SPHERE	2.40
			4	Vee Technologies	2.10
			5	Steinmetz	2.40
			1	WANE TECHNOLOGIES (ADACELL NETWORK ARCHITECTS)	1.8
			6	SHAMGAR SOFTWARE SOLUTIONS	1.8
			17	ALLSEC	1.80
			2	DQ ENTERTAINMENT INTERNATIONAL LTD	1.8
			2	EPIC RESEARCH PVT LTD	1.8
			3	INFOSYS	2.5
			1	CONCENTRIX DAKSH SERVICES INDIA PVT LTD	1.48
			5	HCL	2
INFORMATION TECHNOLOGY	14	12	3	WANE TECHNOLOGIES (ADACELL NETWORK ARCHITECTS)	1.8
			4	ALLSEC	1.80
			1	DQ ENTERTAINMENT INTERNATIONAL LTD	1.8
ELECTRONICS & COMMUNICATION ENGINEERING	191	155	2	INVECAS/SOCTRONICS	2.4 to 3.0
			6	ANALYTICAL GROUP	2.40
			1	SPHERE	2.40
			7	Vee Technologies	2.10
			3	Steinmetz	2.40
			26	GO SPEEDY GO	4.2
			17	WANE TECHNOLOGIES (ADACELL NETWORK ARCHITECTS)	1.8
			17	ALLSEC	1.80
			9	DQ ENTERTAINMENT INTERNATIONAL LTD	1.8
			3	EPIC RESEARCH PVT LTD	1.8
			7	INFOSYS	2.5
			10	RESOLUTE ELECTRONICS	1.8

				PVT.LTD	
			17	RAMTECH	1.2
			7	HITACHI	1.2
			3	HCL	2
ELECTICAL & ELECTRONICS ENGINEERING	184	134	1	EFFTRONICS	1.80
			3	ANALYTICAL GROUP	2.40
			1	Vee Technologies	2.10
			16	GO SPEEDY GO	4.2
			8	WANE TECHNOLOGIES (ADACELL NETWORK ARCHITECTS)	1.8
			5	ALLSEC	1.80
			2	DQ ENTERTAINEMENT INTERNATIONAL LTD	1.8
			17	RAMTECH	1.2
			1	HITACHI	1.2
MECHANICAL ENGINEERING	150	107	24	GO SPEEDY GO	4.2
			1	WANE TECHNOLOGIES (ADACELL NETWORK ARCHITECTS)	1.8
			5	CYIENT	3.25 & 4.0
			1	DQ ENTERTAINEMENT INTERNATIONAL LTD	1.8
			20	RAMTECH	1.2
CIVIL ENGINEERING	142	110	5	ALLSEC	1.80
			9	PERAM GROUP	1.2
MBA	33	25	2	SHAMGAR SOFTWARE SOLUTIONS	1.8
			10	NUKKAD SHOPS	1.8
			7	FLIPKART	1.8

## NATIONAL SERVICE SCHEME (NSS)

National Service Scheme Unit of AITAM is associated with the college advisory committee constituted for the academic year 2013-14 with the principal as chairman and five staff members with Social Service background. Besides, student leaders, Representatives of Departments and various villages and one NSS Programme Officer accompany and lead the unit to accomplish the programme and its activities throughout the year. An evaluation of the work of the unit and enlisted the students' participation is taken up every now and then which in turn will help the unit to apply and take up various projects.

### OBJECTIVES

The specific objective of the National Service Scheme is to arouse in the students social conscience and to provide him/her with opportunity.

1. To work with and among people.
2. To engage themselves in creative and constructive social action among student community and indoctrinate a sense of dignity of labour.
3. To engage his/her knowledge of himself/herself and the community through a confrontation with reality of social life.
4. To put his/her scholarship to practical use in mitigating at least some of the problems.
5. To gain skills in the exercise of democratic leadership.
6. To gain skills in programme development to enable him/her for self-employment.
7. To bridge the gulf between the educated and the uneducated masses; and
8. To promote the will to serve the weaker sections of the community.



