

# *The Acro Chronicle*

## **Advisory Board**

1. Dr. P.C. Jain
2. Prof. M.K. Dube
3. Dr. Rajendra Jain
4. Prof. D.M. Puntambekar

## **Editorial Board**

**Chief Editor** :- **Dr. Anita Thakur**

## **Co-Editors**

1. Mrs. Kashifina Kapadia
2. Mr. Kapil Sachdev
3. Ms. Shweta Modi

## **Student Editors**

1. Rahul Singh (EC)
2. Dhruvika Raj (IT)
3. Rashmeet Khanuja (CS)
4. Manish Shrotriya (EI)

## **News of the Campus :-**

- ❖ Acropolis Institute of Technology and Research is a hi-tech institute known for imparting world class technical & management education. The greatest objective of the institution is to instill into its alumni the true virtues of education and an ever ready willingness to accept and meet the challenges in every walk of life. The mind blowing performance of the students and the spectacular results of I semester RGPV Examination has elevated the institution to respectable position in Madhya Pradesh. 76 % result in the very first year unfolds the story of hard work put in by all the Acro members who worked with both mission and vision.
- ❖ The institution has now expanded its wings by adding two master degree programs M.B.A. and M.C.A. with a intake of 60 students in each stream. 240 students are admitted in B.E. I year. Thus the strength of the institution has gone up to 480 in Engineering wing, 60 in M.B.A. & 60 in M.C.A.
- ❖ Library, which is the primary source of knowledge, is equipped with more than 10,000 books which includes Text books, Reference books, General books and Journals.
- ❖ Bus facility is provided for staff and students. 9 buses ply in two shifts picking students from every corner of Indore.
- ❖ The classes for BE first semester students started commencing from 4<sup>th</sup> September 2006, after the formal welcome speech by the Director, and the introduction of the staff members to the students.

## New Appointments

### ENGINEERING

#### Administrative Staff

S.No.	Name	Designation
1	Mr. A.M .Pathak	P.R.O.

#### Teaching Faculty

S.No.	Name of the faculty	Designation	Subject	Qualification
1.	Prof. D.K. Mishra	Professor	Comp. Sc.	M.Tech
2.	Mr. G.K. Anand	Reader	Electronics	B.E., M.E.
3.	Ms. Varsha Tare	Reader	Comp. Sc.	M.Tech
4.	Mrs. Prasanna Shah	Sr. Lecturer	Physics	M.Sc, Ph.D.
5.	Mrs Sonu Airen	Lecturer	Comp. Sc.	B.E., M.E.
6.	Mrs. Anagha Chougankar	Lecturer	Electronics	B.E., M.E.
7.	Ms. Swati Singh	Lecturer	Infor. Tech.	B.E.
8.	Ms. Sonal Sinha	Lecturer	Civil	B.E.
9.	Mr. Neeraj Agrawal	Lecturer	Comp. Sc.	B.E.
10.	Ms. Sweta Modi	Lecturer	Infor. Tech.	B.E.
11.	Ms. Arti Sharma	Lecturer	Maths	Msc, M.Phil
12.	Ms. Zulfa Shaikh	Programmer	Comp. Sc.	M.sc
13.	Ms. Preeti Nimonkar	Lecturer	Electronics	B.E., M.E.
14.	Ms. Shikha Chaturvedi	Lecturer	Electrical	B.E.
15.	Mr. Mayank Jain	Lecturer	Electronics	B.E., M.E.
16.	Mr. Kapil Sachdev	Lecturer	Instrumentation	B.E., M.E.
17.	Ms. Sonal Sharma	Lecturer	Maths	M.sc
18.	Mr. Anand Babu	Lecturer	Civil	B.E., M.E.
19.	Mr. Anil Kumar Singh	Lecturer	Mechanical	B.E., M.E.
20.	Dr. Shiv Raj S.Chawda	Lecturer	Chemistry	M.Sc, Ph.D.

#### Lab Technicians

S.No.	Name	Designation	Qualification
1.	Mr. Ajay Singh	Lab Technician	D.M.E.
2.	Mr. Shrikant Vishwakarma	Lab Technician	D.E.E.
3.	Mr. Ashish Gupta	Lab Technician	B.Sc. (Comp. Science)

### MCA

#### Teaching Faculty

S.No.	Name of the faculty	Designation	Qualification
1.	Mr. D.M. Puntambekar	Professor	MCA
2.	Mr. Shailesh Gondal	Reader	MCA
3.	Mrs. Pushpa Pathak	Lecturer	MCA
4.	Mr. Jayant Bihare	Lecturer	MCA

## MBA

### Director

S.No.	Name of the faculty	Designation
1.	Dr. I.C. Gupta	Director

### Teaching Faculty

S.No.	Name of the faculty	Designation	Subject
1.	Dr. Rajendra Jain	Professor	Management
2.	Dr. V.D. Jha	Professor	Statistics & OR
3.	Mr. Nitin Tanted	Sr. Lecturer	Finance & Economics
4.	Ms. Anjali Shukla	Lecturer	Human Resources

**Visit of Eminent Person:-** Dr. P.B. Sharma, Vice-Chancellor of RGPV and an eminent educationist had visited the institution on 27<sup>th</sup> May 06. He has extended some useful suggestions to uplift the institute to greater heights. He emphasized research oriented programs to be held in the college campus. He insisted on sustaining the spirit of India, ethics, morality and values by imparting quality education & evoke scientific approach, thrill and excitement in the minds of students and introduce the schemes of earn while learn during 4 yrs. B.E. Programme. The Chairman Shri Ashish Sojatia agreed to incorporate the aforesaid programmes in near future.

**Faculty Development Programme:-** To enhance the quality of teaching and research, which are the marked features of the institution, seminars are presented by the faculty members on Saturdays and other non-teaching days, on his/her subject or research work followed by a question – answer session.

The following lectures were presented under faculty development programme in the college campus.

- ❖ Mr. S. Batni, Mechanical Department, delivered a lecture on “*Product Improvement for globalization*”.
- ❖ Mr. Pradeep Yadav, Mechanical Department, delivered a lecture on “*Artificial Neural Network*”.
- ❖ Mr. Kapil Scahdev, Electronics & Instrumentation Department, delivered a lecture on “*Comparison of MANET Routing Protocols using ns2*”.
- ❖ Mr. Prashant Geete, Mechanical Department, delivered a lecture on “*Measurements of the Effectiveness of Advertising*”.

**Students’ Personality Development:-** For the over all personality development of the students guest lecturers are arranged on various subjects by eminent speakers. A spiritual lecture was arranged a few days back to revive and reform the human values. A lecture was arranged on ‘Art of Living’ which was delivered by a special guest, representing an organization of Mumbai. Apart from these guest lectures, seminars were presented on 24<sup>th</sup> and 25<sup>th</sup> August, 2006 by expert faculty of Cerebral Heights on “*Presentation of Views, Power Point Presentation and Targeted Presentations*”.

**Research and Consultancy Programme:-**Civil Engineering Department of AITR has organized a public awareness program on “*Roof-top rain water harvesting and ground water recharging*” during 1<sup>st</sup> and 2<sup>nd</sup> Weeks of June 2006 in different localities of Indore city. It was a free consulting camp organized at various centers. Experts from reputed institutions like SGSITS and Agriculture College have delivered the speeches and guided the people for getting acquainted with this technique, cost estimates etc.

### **Achievements of the faculty: - Seminars / Guest Lectures**

- 1) Mr. Suresh Batni : Delivered lecture on “Product Improvement for Globalization” at J.N.T. College, Khargone on 24<sup>th</sup> August 2006.
- 2) Mr. Mayank Jain : Presented a paper on “*VLSI Implementation of a core complaint to SPI 4 for Broad Band Applications*” in September 1<sup>st</sup> week 2006 in National Conference on Broad Band Communication Systems at Vishwakarma Institute of Information & Technology, Pune.

### **DO YOU KNOW : PLUTO-THE DWARF PLANET**

Factors which decide the basis for a celestial body to be known as a planet.

- i) It must orbit the sun.
- ii) Must be big enough for gravity to squash it to a round ball.
- iii) Must have cleared other things out of the way in its orbital neighbourhood.

Why can't Pluto be called a Planet ?

- i) The diameter of Pluto is only 1600 miles which is smaller than the moon.
- ii) Its orbit is tilted and elongated and intersects that of Neptune.
- iii) Sun appears as a twinkling star from Pluto.

What do the astronomers say ?

- i) In a meeting at Washington, 2800 astronomers met and there was a big controversy on the issue. Finally, the no. reduced to 400 to conclude that Pluto wouldn't be designated as a planet.
- ii) Dr. Pasachoff said, “They left”.
- iii) Dr. Tyson – “Frontier should move in whatever way it needs to move, public should understand”.

Pluto's History – Pluto was discovered in 1930. Pluto's path is not completely elliptical. Pluto's impact or gravitational pull is weak, it is also known as dry planet & it has large icebergs on its surface.

Pluto takes much more time than any other planet to complete its revolution i.e. 287 years to complete one revolution.

A moon of Saturn which is larger than Pluto has created confusion among the scientists whether to consider Pluto as a planet or not.

This issue is bound to have cultural and economical impact. Specially in India, where astrology, from ages has been based on “*Nav grah*” (nine planets), it is highly difficult for the people to adopt the idea of eight planets all of a sudden, also the school course books have to be changed with Pluto excluded from the planet – family. It will always be a topic of debate whether to designate Pluto as a planet or not.

Rashmit K. Khanuja  
Mansi Mujmer  
Tanu Gupta  
Anand Tiwari  
C.S. Branch (III Sem)

**Industrial Visits** - To have a better understanding and interaction with the industry, the students of Acropolis undertook industrial visits to some of the industries in the close vicinity of Indore, Dewas and Pithampur during the academic session 2005-06.

- The students of Computer Science and Information Technology visited Indo-German Tool Room, Indore. Here the students witnessed the training programmes related to CNC Technology and training of manpower.
- The students of EC branch were taken to Tata International, Dewas & Gajra Bevel Gears Ltd. Dewas. Here the students got acquainted with the latest and minute details of the technology being used in the manufacturing process.
- The students of AEIE branch visited Jash Engineering Ltd., Indore, a pioneer in the field of C.I.T. – slotted plates.
- In the second phase the students of AEIE branch visited CAT, Indore. Here the students witnessed the use of lasers for various purposes. They visited laboratories of solid state laser, industrial CO<sub>2</sub> laser and fibre optics. Under the able guidance of Mr. R. Sundar and his team members of CAT, the students were able to know new information and further scope of lasers in various fields.
- CS branch students visited STI, Pithampur, a leader in producing cotton yarn and cotton knitted fabric. Another batch of CS branch was taken to Mahle Migma, Pithampur which produces camshafts and valve tappets, being used in the automobile industry.
- The students of IT branch went for an educational visit to the Bridgestone India Private Ltd., and Eicher Motors, Pithampur. Bridgestone India Pvt. Ltd. is part of the Bridgestone flagship which manufactures tyres and other items.
- The second batch of IT students visited Eicher motors, a major manufacturer at LCV and HCV. The students have witnessed the complete assembling of the LMV & HMV. The students were guided by the Captain Pradeep Vyas, Manager-Administration and his team.
- The students of EC branch went to L & T Case Equipment where they were able to observe the process of manufacturing wheeltracker loader. The students were guided by Mr. M.M. Rao, head – HR & Administration and his team.

All these visits have moulded the professional outlook of the students. All the students of Acropolis have actively participated in these industrial visits and submitted a technical report to the concerned faculty members.

**Lecture on Spiritualism** – Education in Acropolis means all round development of the students in all its ramifications. To instill this harmonious development and bridge the ever widening gap between science and religion the institution has arranged a guest lecture of Swami Kripananda, a spiritual leader. The lecture was highly informative and it was a small attempt to pacify the conflagration and other destructive forces that are degenerating the human values in juveniles. Swamiji has addressed the students and appealed them to beware of contradictory values which can convert them into sceptic or a cynic. He concluded his verse by leaving a message that the integrated education can provide integrated personality and this integrated education is not possible without integration of values. Since Indian culture is deep rooted in her spiritual values and unless these values find their way into the life of student, education in true sense will not fulfill its function. This enlightening speech on spiritualism and human values elevated the minds of the students which is a subject apart from curriculum.



**Independence Day** – The infant history of Acropolis Institute of Technology & Research has witnessed yet another red letter day. The historic day had great importance, for the institution has also celebrated successful completion of one year. The blend of these two events added immense grace to the event. The Director of the institution Dr. P.C. Jain received and welcomed the chief guest Mr. Ashok Sojatia, the patron of the institution. At 9 am the flag was hoisted on the ramparts of the institution by beloved grandma of the Hon. Chairman. The flag hoisting ceremony was followed by salutations and national anthem. Later Dr. P.C. Jain addressed the audience and defined the true definition of

independence. In his speech he urged the people to safeguard their hard won freedom and dedicate themselves for the task of nation building. He also mentioned that Independence Day is a special benchmark for Acropolis as it has completed one successful year. He acknowledged the active participation of all the members of Acropolis Family in leading the institution to respectable position. In his verse he visualized the institution in flying colours and reaching new horizons in near future. Later on Mr. Ashok Sojatia, the Chief Guest of the function addressed the people and defined education as a process of development which results in physical, intellectual, spiritual and moral development of the students. According to him it is an assimilation of ideas helpful in building strong character. He insisted the teachers to impart systematic training supported by invigorating atmosphere to unfold the hidden capacities and talents in the students. He insisted on creating an environment that could stimulate the student to both physical and mental development and learn skills to increase manual dexterity. He finally left a message to the audience that education is a process of emancipation - emancipation from ignorance. The jubilation of the day ended with refreshments and exchange of warm greetings.

**Lecture on Psychology :** A lecture was arranged on Psychology by Prof. Rupa Shah, the vice chancellor of SNTD Women's University, Mumbai, who is also an eminent scholar and academician. She has served many eminent institutions as Founder Director, Principal, Administrator, Vice-Principal and Lecturer of Psychology. She has been leading member of Advisory Committees of Several Academic Staff colleges at Regional and National Level. Her words of wisdom on psychology have enlightened the students. Acropolis was lucky to have such an eminent personality under its roof. She motivated the students to keep their spirit always high in order to achieve their goals.

**Achievements of Students :** Three Students of Acropolis have placed themselves in the list of top 4000 brains of the country. Students of IT Branch Apurv Gaurav, Hardik Shah & Aniket Banerjee presented a poster in "Cognarizance 2006" held in IIT Roorkee, On "*Anatomical Aspects of Human Behaviour*" and they have got a participation certificate and their names were placed in the top 4000 brains of the country.

## Annual Function – “GLAMROCK - 2006”

The upcoming engineering college “The Acropolis Institute of Technology and Research” has celebrated the maiden gathering ‘GLAM ROCK 2006’ on 18<sup>th</sup> March 2006 in the college campus.



The students of this institute have presented colourful performances in two segments. The morning events comprised competitions in various activities like cultural, literary, sports, arts and crafts etc. and the noon events comprised cultural programmes and prize distribution.

Honourable Shri Shiv Singh Mehta who is the managing director of Kriti Industries, Kasta Pipes (P) Ltd and Sakam Investment (P) Ltd. was invited as the

chief guest. The prizes were given away by him to all the winners. To



bless the occasion Shri Kamlesh Sojatia and Shri Ashok Sojatia were also present. Director Dr. P.C. Jain has welcomed the Chief Guest. The Chief Guest addressed the students and appreciated the glamorous rocking performances of the students and motivated them to go ahead with both mission and vision. He also talked about the future dreams of the students which should constitute passion and devotion towards their work for

achieving the goals. He was delighted to see the blend of traditional and modern culture under one roof. The event proved to be a grand success.