ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING

WARDHA ROAD, NAGPUR-441 108

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING

E-NEWSLETTER

2017-18

ODD SEMESTER

Vision
To pursue knowledge beyond horizon and create a continuum for coalescence of abilities, skills, rich morals, ethical values, virtues, competence and excellence to enable the students to respond to changing situations and cause and contribute to national development.

Mission
To imbue students with knowledge and wisdom to fetch their aspirations to fruition, to deepen national consciousness and to engineer a dynamic, vibrant, sagacious, self-reliant, skilful and egalitarian society.

Dr. Mohan Gaikwad-Patil,
Chairman, Gaikwad-Patil Group

   The motive of Abha Gaikwad-Patil College of Engineering is to develop a global perspective to cope up with the fast changing scenario. In addition to this, values with discipline are the hallmark of our college, besides, ensuring quality of the student; here the emphasis is not only on academic excellence but the development of the overall total personality of a student. To achieve this goal, add on courses, training in personality development, and other soft skills are also provided in our college. We take special care to ensure that news ideas are not merely discussed here but executed. Execution of new ideas helps the faculty and students to tread the path of 'Innovation' which is the slogan of our Institution. As excellence is the only criterion for selection of students, we are confident that in due course, promises will become 'Achievements' in their respective fields.

   I am delighted that Abha Gaikwad-Patil College of Engineering has published the college magazine. The Editorial Board has done a fair job to put up facts before students and parent community. To express one's thought, College Magazine is the best platform and this is what our students have expressed in terms of contributions towards the magazine.

Prof. Sandeep Gaikwad, Treasurer
Gaikwad-Patil Group of Institutions

Abha Gaikwad-Patil College of Engineering (AGPCE) is one of the best Engineering Institutions in Centre India. To serve this institution as Treasurer is a nice experience for me. Started in the year 2009, the college has made tremendous progress in diversified fields, thanks to the contributions from philanthropists, Technology experts, research centers, dedicated staff and the continuous support of the Board members.

The essence of the life is to live a life for others and die for a noble cause. We at AGPCE express our gratitude for receiving an opportunity to serve the nation. We have a crystal clear vision of enlightening the student brain with sound and technology-rich academic curriculum.

Our college has state of the art facilities for teaching, research and development. The students who have passed out of our college have already proved their mettle in various fields. I request all the students, staff members to enjoy your stay in the campus, contribute positively for the welfare of the institution by moving towards excellence in your chosen field. I personally appeal to all the students to make use of the facilities here and improve their skills so that you will have a glorious career ahead.

Dr. Prashant Kadu,

Principal, AGPCE

The vision of our institution is to empower youth and to produce technically skilled manpower with very high moral values who are not only employable but are also capable of creating employment for masses.

Our mission is to provide outcome based education by providing all necessary inputs, facilities and environment to empower our students in all possible ways. We understand that co-curricular and extracurricular activities help in enhancing ones personality. This institution provides an environment for nurturing these activities so that young men and women get an opportunity to upgrade their skills and show cases their talent.

To strengthen the wings of our students we have dynamic and dedicated workforce. Abha Gaikwad-Patil College of Engineering is committed to employing, developing and retaining the very best teachers.

Prof. Pragati Patil,

Vice-Principal, AGPCE

The Gaikwad-Patil Group is a well-established group headed by Dr. Mohan Gaikwad-Patil, Chairman of the Group. The Abha Gaikwad-Patil College of Engineering offers a wide range of courses across a range of disciplines encompassing Engineering and Technology where the students are blended with value addition courses so as to be Employable Engineer. Our Aim is to provide high quality educational Programmes for the candidates to enable them to achieve success in their immediate as well as long term professional careers and as practitioners in their respective fields.

We are steadfastly committed to maintain and improve our outstanding status in the quality of faculty, quality of programs, quality of facilities, and quality of graduates. We are firmly focused on earning the college a national reputation for excellence, and developing it into a choice destination for engineering education in the country. I can assure you that if you choose to study at the AGPCE, you will be joining an academic institution where the needs of students are understood, and their aspirations in diverse areas such as academic, cultural, sports etc. will be fulfilled.

Prof. Gajanan Patle

HOD, Department of CSE

As AGPCE believes in quality and quantity of multidimensional talents, this has led the academic and non-academic sectors of students and faculty members to extreme levels of growth and success. Efficiency & effectiveness are the benchmarks of AGPCE in implementation of its policies, rules and regulations in terms of regular and timely classes, attendance, and course coverage, learning activities, cultural & technical fests and placements. The growth ladder of AGPCE draws attention to its well organized management and functioning in every field of education, research and technology. The secure, congenial and serene environment of AGPCE campus makes it a first choice of B. E. and M.Tech students creating its market value as a brand in technical education in all over Maharashtra and other states too.

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DEPARTMENT DETAILS

Faculty and Students of the Department

No. of Faculties in the Department	16
No. of Classrooms	03
No. Of Tutorials	01
No. of Labs	13
Seminar Hall	01

FACULTY DETAILS

Name of Faculty	Qualification	Designation	Publication Details			Research Area
			International Journal	International Conference	National Conference	
Dr. Prabha Nair (DeanAcademics)	Ph.D	Associate Prof.	15	15	12	Augmented Reality
Prof. Pragati N. Patil	M.Tech CSE	Asst. Professor	19	09	06	Wireless Sensor Network, Network Security
Vijay Bagdi	M.Tech CSE	Assistant Professor	15	04	05	Digital Forensic
Yogesh Bhute	M.E. WCC	Assistant Professsor	14	04	01	Wireless Network
Sonal Honale	M.Tech CSE	Assistant Professor	15	03	02	Image Processing, Data Structures
Deepak Kapghate	M.Tech CSE	Assistant Professor	02	02	01	Mobile Computing, Data Communication
Pooja Chawre	M.Tech	Assistant Professor	01	01	–	Wireless Network, Image Processing
Kiran Gotmare	M.Tech	Asst. Prof.	01	01	–	Image Processing, Mobile Computing
Ms. Vidya Bodhe	M.E.	Asst. Prof.	02	–	02	Data structure
Gajanan Patle	M.Tech CSE	Assistant Professor	05	06	02	Image Processing, Data Structure

Abhimanyu Dutonde	M.Tech	Asst. Prof.	01	01	–	Software Engineering, Data Mining
Mayuri Bamnote	M.Tech	Asst. Prof.	01	01	–	Operating Systems,
Ms. Priyanka Bhende	M.E.	Asst. Prof.	02	–	–	Wireless Adhoc Network
Ms.Anuradha Gaikwad	M.E.	Asst. Prof.	01	01	02	Wireless Communication
Ms. Poonam Wankhade	M.Tech	Asst. Prof.	03	02	–	Data security
Vaishali Khobragade	M.Tech CSE E	Asst. Prof.	01	01		Wireless Adhoc Network
Meenal Bhoyar	M.Tech CSE	Assistant Professor	01	01	–	Distributed Operating Systems, Compilers

LABORATORY DETAILS

Sr. No	Name of Laboratory	Software Installed	Specifications
1	Object Oriented Programming Lab	Turbo C ,Turbo C++ , JDK 8	Wipro Computers with i3, @2.5Ghz Processor, 2 GB RAM, 320 GB Hard Disk, 1:1 Internet Connection, Wi-Fi facility
2	Database management System	Oracle 12c, Weka tool	
3	Computer Graphic & CAD/CAM Lab	Packet Tracer CRAO	
4	Language Lab	ENTL Server	
5	Software Engineering & Project management Lab	IBM Rational Rose, Star UML	
6	Linux Lab & Operating System Lab	Linux (UBUNTU)	
7	Web Technology & Information & Cyber Security	Java, Visual Studio	
8	Programming Lab	Turbo C, Turbo C++ ,	
9	Software Development Lab	Visual Studio, Netbeans	
10	Research Lab	Cloud Computing Server & NS2	
11	Advanced Wireless Communication Lab	Tasam, Masam	
12	Computer H/W & Networking Lab	NS-2	

Students performing practical in the lab 1

Students listening to teacher

Students performing practical in the lab 2

INAUGURATION OF CSE FORUM "ASCENT-17"

The Student Forum "ASCENT 2017" installation was recently organized at Abha Gaikwad-Patil College of Engineering for the students of Department of Computer Science and Engineering. The event was organized on the occasion of Teachers Day 5th September 2017. Shree Anil Hood, Executive Director was the Chief Guest for the function. The Student Forum aims at developing technical skills, enhancing communication skills and provides a platform for innovation. Mr. Shrikant Khadse, President of the student forum elaborated on the various technical activities to be conducted throughout the session under this Forum. Miss Pallavi Raut, Vice-President, Miss Pratiksha Ramteke, Treasurer and Mr. Shubham Peshane, Secretary motivated the students to extend their support for the smooth functioning of the Student forum.

Management, Principal, Vice Principal AGPCE graced the occasion. Head of the Department congratulated students for forum installation and motivated them to implement innovative ideas under the student forum.

Student and Faculty during Forum

Faculty during Forum Installation

INDUSTRIAL VISIT TO "AXIOM TECH GURU PVT. LTD."

Department organized industrial visit to "AXIOM Tech Guru Pvt. Ltd.", Nagpur in association with Computer Society of India (CSI). It was organized for Final year students of Computer Science & Engineering and Information Technology department to enhance practical knowledge. Every year college organizes Industrial visit for the students with the purpose to give them an insight about a way how the company works.

The main objective of visit is to familiarize them with various software technologies like JAVA, Matlab for Image Processing. Main objective of company is how to deal with Problem definition and emerging trends in the field of Computer Science. **Ms. Rizwarfarah Hussain,** Business Analyst, AXIOM Tech Guru Pvt. Ltd., Nagpur has discussed in detail every aspect of processing of all service. The students also came to know about the significant competitive advantage which the company derives from the unique distribution network. Students thank to the college and even ask them to organize such visit in future as this will help them to grow and get ready for an excellent future.

Students Visited to Axiom TechGuru

Expert delivering lecture to Students

INDUSTRIAL VISIT TO "AXIOM TECH GURU PVT. LTD."

Department organized industrial visit to "AXIOM Tech Guru Pvt. Ltd.", Nagpur in association with ISTE Student's Chapter on 13th July 2017. It was organized for Third year students of Computer Science & Engineering and Information Technology department to enhance practical knowledge. Every year college organizes Industrial visit for the students with the purpose to give them an insight about a way how the company works. The visit is aimed at enhancing their knowledge.

The main objective of visit is to familiarize them with various software technologies like JAVA, Matlab for Image Processing. Main objective of company is how to deal with Problem definition and emerging trends in the field of Computer Science. **Ms. Rizwarfarah Hussain,** Business Analyst, AXIOM Tech Guru Pvt. Ltd., Nagpur has discussed in detail every aspect of processing of all service. The students also came to know about the significant competitive advantage which the company derives from the unique distribution network. The visit was very explorative as it gave an understandable view on their various operations. Students thank to the college and even ask them to organize such visit in future as this will help them to grow and get ready for an excellent future.

Experts interacting with students

INDUSTRIAL VISIT TO "IT NETWORKZ"

Abha Gaikwad-Patil College of Engineering, Nagpur went for an Industrial visit to "IT Networkz Infosystems Pvt. Ltd.", Nagpur in association with CSI Chapter on 08th July 2017. It was organized for Third year students of Computer Science & Engineering and Information Technology department to enhance practical knowledge. Every year college organizes Industrial visit for the students with the purpose to give them an insight about a way how the company works. The visit is aimed at enhancing their knowledge.

The main objective of visit is to familiarize them with various networking technologies, CISCO. Main objective of company is how to deal with Problem definition and emerging trends in the field of Computer Science. **Ms. Mona Kewalramani, HR Manager,** IT Networkz Infosystems Pvt. Ltd has discussed in detail every aspect of processing of all service. The students also came to know about the significant competitive advantage which the company derives. It was a nice experience for the students as a round of question and answer showed that they are very curious to know things. The visit was very explorative as it gave an understandable view on their various operations. Students thanked to the college and even ask them to organize such visit in future as this will help them to grow and get ready for an excellent future.

Students interacting with Experts

SEMINAR ON
"RECENT TRENDS IN THE FIELD OF COMPUTER SCIENCE"

Seminar on "Recent Trends in the field of Computer Science" was organised at Abha Gaikwad-Patil College of Engineering for the students of Department of Computer Science & Engineering in session 17-18 odd sem. Mr. Abhijit Bakale, CTO, Lemures Technologies interacted with the students.

The main objective of this seminar is to aware students about the recent technologies used in the industries and how to learn the latest technologies. The Management and Principal AGPCE appreciated the efforts taken by the Head of Department and staff members for the successful conduction of the seminar.

Guest interacting with students   **Students attending the Guest Lecture**

ONE DAY TRAINING SESSION ON "INTELLECTUAL PROPERTY RIGHTS (IPR'S)

Abha Gaikwad-Patil College of Engineering has organized a one day training session on "Intellectual Property Rights (IPR's) i.e. Patents, Designs, Trademarks & Geographical Indications, Copyrights", organized at Rajiv Gandhi National Institute of Intellectual Property Management, Civil Lines Nagpur on 08th September 2017, for the students of third year. The main aim behind the arranging this Program was to provide the information about Intellectual Property Rights (IPR's) and to understand the process of patents with the objective to enhance the knowledge of the students and motivate students to file maximum patents providing weight age to their innovative projects.

The Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM) is a Central Government Institute under the Ministry of Commerce & Industry is engaged in conducting Training, Awareness programs relating to Intellectual Property Rights (IPR's). RGNIIPM has been established at Nagpur as a National center of excellence for training, management, research, education in the field of Intellectual Property (IP) Rights.

Experts from the Rajiv Gandhi National Institute of Intellectual Property Management were fascinated by students for their knowledge and enthusiasm towards the Intellectual Property Rights (IPR's). The students showed great interest and enthusiasm in understanding the information about Intellectual Property Rights (IPR's). Around 100 students from fifth semester have attended this program.

Expert explaining about IPR's

Students listening to Expert

Expert interacting with students

08-09-2017 12:09

Students present during the session

TEACHER'S DAY CELEBRATION

Teacher's day celebration in the department

Dear Teacher, Thank You

For Continually Inspires me to do my best

You help me strive for goals,

I found guidance, friendship, discipline and love,

everything, in one person.

And that person is you

Students welcoming the Teachers

A good Teacher can inspire hope, ignite the imagination and instill a love of learning – Brad Henry

GREEN LAB INAUGURATION AND TREE PLANTATION

AGPCE Green lab inauguration was organized in the department under NSS. It was organized on 23rd September 2017. The guest for the event was Hon'ble Treasurer of GPGI Group Prof. Sandeep Gaikwad, Dr. Geeta Padole-Gaikwad, Dr. G.K. Awari, Principal, TGPCET, Dr. Prashant Kadu, Principal, AGPCE, Vice Principal Prof. Pragati Patil, all the Heads of the department, faculties from all the branches were prominently present on the occasion. The aim of Green Lab Inauguration is to throw light on the importance of Greenery in our life. How plants and trees are very important in our life. Without them we cannot survive.

The lab was inaugurated by the hands of Dr. Geeta Padole-Gaikwad, and opening remark was given by Prof. Sandeep Gaikwad. Mr. Gajanan Patle, Head of the Department explained how they contribute to the society by reducing the electricity usage. Students also thanked the guest for such type of events in the college. Sapling was given to the guests as a token of respect. Students from different branches brought beautiful saplings to plant in the college campus. Near about 100 plants were planted in the campus.

**Dr. Geeta Padole-Gaikwad
inaugurating the lab**

MAKE RECYCLING A PART OF YOUR EVERYDAY LIFE

Guest during the Inauguration of the event

Student welcoming the guest Dr. G. K. Awari   **Students with their saplings**

Guests planting the trees

Guests and Students during the event

ALUMNI MEET "TRYST"

Alumni meet event "TRYST" was organized in the Computer Science and Engineering department of Abha Gaikwad Patil College of Engineering. It was organized on 28th September 2017. Such event was organized for the first time in the history of AGPCE. Students from last 5 years attended the event. The guest of the event was Prof. Sandeep Gaikwad, Treasurer, GPGI Group. The occasion was graced by Principal Prashant Kadu, Vice Principal Prof. Pragati Patil, and all the Heads of the Departments.

The alumni introduced themselves and shared their past experiences. They also gave an idea about the current working scenario of the companies to the students. The event was concluded with a scintillating songs & dance performances. Various games were planned for alumni by Mr. Shrikant Khadse and Ms. Ranjana Gajbhiye which was enjoyed by everyone.

Students drawing rangoli

Lightening of Lamp by HOD

Faculty with students

Students during the alumni meet

Alumni receiving degree

Alumni receiving degree by the hands of HOD

Alumni receiving degree

Students and Teachers during Alumni Meet

FELICITATION OF TOPPERS

The program was organized to express gratitude towards the legend that empowered the country and equipped us with knowledge to face the grueling battle against the modern world. Guest of the event was Prof. Sandip Gaikwad, Treasurer, GPGI and Parents of the Students. The felicitations of the students were done by the hands of the Parents. Guest of Honour Mr. Sandeep Gaikwad urged students to emulate Dr. Kalam in respect of achievements and serve the nation with pride. He impulsed the students by a famous thought of Dr. Kalam "*Don't take rest after your first victory, because if you fail in second, more lips are waiting to say, that your first victory was just luck*". Prof. Pragati Patil, Vice-Principal gave an impetus to the attainment of the success to the students and congratulated them on their success wished them best luck for their forthcoming examinations.

Komal Patil(VIII sem) scored 78.30%, Trupti Shamkuwal(VIII sem) scored 75.23%, Dhiraj Dahivade(VIII sem) scored 74.76% , Akanksha Bondade(VI sem) scored 73.17%, Priyanka Bakhre(VI sem) scored 71.5%, Shweta Jivtode(VI sem) scored 70.33%, Pallavi Raut(IV sem) scored 69.8%, Rasika kurade(IV sem) scored 65.69%, Ekta Dhote(IV sem) scored 63.54%. HOD's of all the department were prominently present on the occasions.

Students Felicitated during programme

Dhiraj Dahiwade (VIII sem) receiving award from Hon' Sandeep Gaikwad
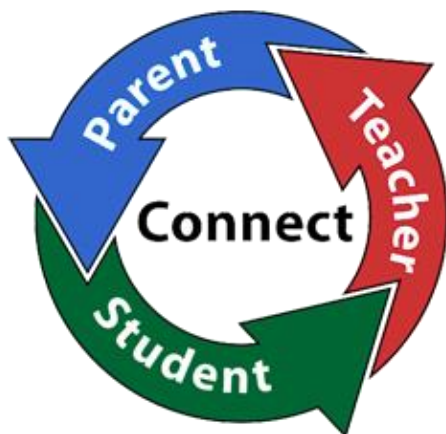

**Ms. Akanksha Bondade (VI sem)
receiving award from her mother**

**Ms. Rasika Kurhade (IV sem)
receiving award from her father**

PARENTS-TEACHERS MEET

Parents Teachers Meeting was organized by department of Computer Science and Engineering. The parents of 3rd, 5th and 7th semester students interacted with the Class teachers, Subject teachers and Head of the department. The parents were given information about their wards overall academic performance throughout the session. Various academic and personal issues related to the development of the students were discussed with the respective Class teachers; HOD enlightened the parents on various innovative teaching learning practices being followed in view of the competitive environment. He elaborated on facilities provided at the department for the overall development of students. Parents provided suggestions and promised to extend their support to the department's efforts to produce quality engineers. Prof. Pragati Patil, Vice-Principal, Abha Gaikwad Patil College of Engineering appreciated the successful organization of the event.
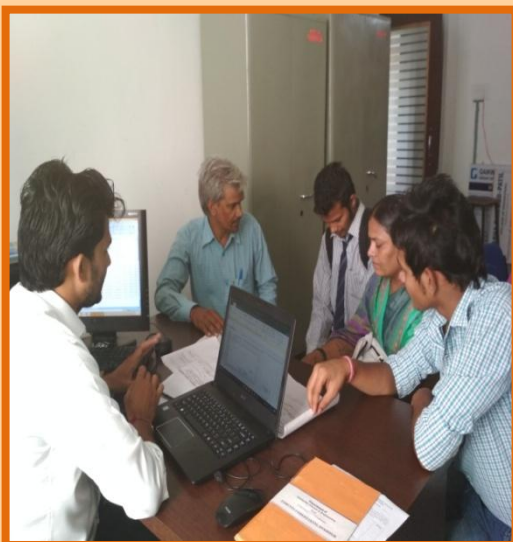
Faculty interacting with student

Faculty counseling with parent and student

Faculty discussing about the results with parents

Parents sharing their views with teacher

Thank You!

Editor,
Department of CSE,
A.G.P.C.E.