FROM HOD'S DESK

Prof. M. S. Khatib
HEAD OF DEPARTMENT

CONTENTS

I am really very proud and delighted to bring out this sixth issue of "Departmental Newsletter -Dotpitch", which provides a platform for students and staff to share information. Our department has a team of qualified and experienced faculty and staff members we are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology.

Computer Science is a fascinating subject, and one that is now indispensable in our lives. Almost every aspect of modern life involves computing - from mobile phones, TVs, planes, trains and cars, to gaming, security and medicine etc. Digital India is a campaign launched by the Government of India to ensure that Government services are made available to citizens electronically by improved online infrastructure and by increasing Internet connectivity or by making the country digitally empowered in the field of technology. Looking to the future initiatives such as "Internet of Things(IOT)" will connect us all through small portable devices, enhancing social networking and allowing us to exchange audio and video data from our daily lives. Computer Science equips our staff & Students with the skills to have a great career ahead in the field of Digital India & Make in India project etc.

The department provides platform for the students to achieve their career goals. Most of the students have participated in different activities & presented their projects at National level & are awarded. Their efforts are appreciable.

I admire the efforts taken by Editorial Board in presenting the thoughts of young engineers and best wishes.

> Computer Science is a fascinating subject, and one that is now indispensable in our lives.

Vision

To achieve excellent standards of quality education in the field of computer science and engineering, aiming towards development of ethically strong technical experts contributing to the profession in the global society.

Mission

- To create outcome based education environment for learning and identifying career goals.
- Provide latest tools in a learning ambience to enhance innovations, problem solving skills, leadership qualities team spirit and ethical responsibilities.
- Inculcating awareness through innovative activities in the emerging areas of technology.

Message from EDITOR

It is with immense pleasure that I was given the opportunity to work on the sixth edition of the Department Newsletter "Dotpitch". As we all know, a Newsletter mirrors a Department Vision and Mission. It also highlights events, activities and academic prowess and achievements. I do hope that the newsletter encourages many more including students to use it as a platform to express their creativity. I sincerely hope that this edition makes for an interesting read.

I am thankful to Principal, Dr. Sajid Anwar and Head of the Department Prof. M.S. Khatib for believing in me and giving me this opportunity.

Prof. Farheena Shaikh
Assistant Professor

UNIVERSITY RANK HOLDERS 2017

EXAM	NAME OF STUDENT	SEM. & SEC.	SGPA	UNIVERSITY RANK
SUMMER-17				
	Afreen Siddiqui	VIII-A	9.80	4th
	Pooja Thakur	VIII-A	9.78	5th
	Bushra Ansari	VIII-B	9.26	6th
	Adeeba Sameen	VIII-A	9.07	
WINTER-17				
	Zainab Firdous	VII-A	9.60	1st
	Alisha Fazlani	VII-A	9.16	4th
	Zobiya Anwar	VII-A	9.00	6th
	Alfiya Sheikh	VII-A	8.88	8th
	Ilma Naaz Sayyed Mohasin Ali	VII-B	8.88	8th
SUMMER - 17				
	Ifra Aziz	VI-B	9.26	1st
	Alisha Fazlani	VI-A	9.22	2nd
	Zainab Firdous	VI-A	9.15	3rd
	Nidhika Pardhi	VI-B	9.11	4th
WINTER-17				
	Ayesha Ali	V-A	8.89	9th
	Shoaana Khan	V-A	8.78	11th
	Sakina Sadaf	V-A	8.70	13th
	Priyanka Wasnik	V-B	8.48	15th
SUMMER-17				
	Sakina Sadaf	IV-A	9.07	4th
	Zahera Ismail	IV-A	9.07	4th
	Payal Kanojiya	IV-A	8.93	6th
	Akshay Matre	IV-A	8.86	8th
WINTER-17				
	Jafar Sheikh Karim Sheikh	III-A	8.41	Awaited
	Thakre Mayuri Arun	III-A	8.33	Awaited
	Yadav Anjali Ramsingar	III-A	8.04	Awaited
	Sheikh Asma Israil	III-A	8.00.	Awaited

Pearls Shining at the Campus....

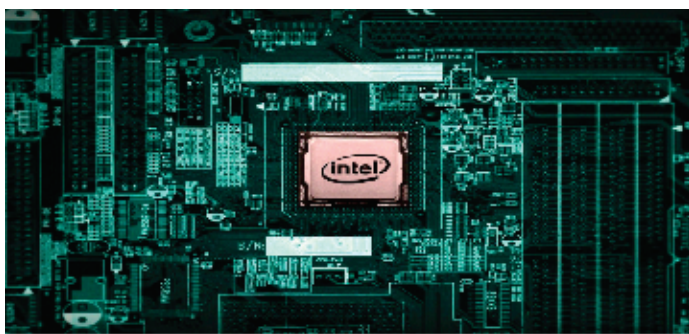| Sr. No.	Name of the Placed Student	No. of Student	Company Placed	Package (LPA)	Sr. No.	Name of the Placed Student	No. of Student	Company Placed	Package (LPA)
01	Prateek Sherke	1	**GLOBALLOGIC**	4.25	08	Anjum Shaikh Ankita Sonkusle Alfia Sheikh Sadaf Qureshi Ankit Jajoo Bushra Khan Shubham Shendre Aziz Shaikh Pranav Bhagat Ashar Shaikh Shaeleen Anwer Zeeshan Qureshi Mahewash Madiha Shaikh Alisha Fazlani Musub Abkani Farheen Shaikh Harshal Wankar Swapnil Mahalle Ifra Khan Shashank Dwivedi	20	**CMS-IT SERVICES PVT. LTD.**	1.8
02	Rashida Burhanpurwala Abdul Rafey Khan	2	**ETERNUS SOLUTIONS**	3.25
03	Anjum Shaikh Pranita Tiwari Shashank Dwivedi Adnan Kazi Syed Zeeshan Zafar Aziz Shaikh Alisha Fazlani Piyali Narnawre	8	**BUGFREE SOLUTIONS PVT. LTD.**	3.2
04	Pranav Bhagat Shashank Dwivedi Afreen Khan Saleheen Anwar Ilma Naaz Zobiya Anwar Shivam Asode Saif Rabbani Samiuddin Qureshi Zeeshan Qureshi Eileena Kerketta Sadaf Qureshi	12	**AMAZON**	2.4
09	Shivam Asode Adnan Kazi Nandini Shende Kaushik Bhabure Samiuddin Qureshi Mohd. Tufail Qureshi Saif Rabbani Mohd. Altamash Arati Chipate Akshay Andhare Mohd. Danish Fauziya Anjum	12	**GRACE EDUNET**	1.8
05	Eileena Kerketta Sadia Ameen Nandini Shende Alisha Fazlani	4	**UNIVERSAL EDUCATION**	2.4
06	Zainab Firdous Saleheen Anwar Sana Afsha Shaikh Anam Shaikh Museb Abkani Sadaf Qureshi Adnan Kazi Afreen Aslam Khan Bushra Khan Mohd Ashar Shaikh Zainab Jouhar Jitendra Patra Shivam Asode Harshal Wankar Nidhika Pardhi Shubham Shendre	16	**VOWEL WEB SOLUTIONS**	1.9
10	Swapnil Mahalle Afreen Aslam Khan Mirza Qadir Baig	03	**PICKWORTH ENTERPRISES**	1.8
11	Heena Kausar Salam Sheikh Shivam R Asode Swapnil Mahalle Mohd. Ashar Sheikh Pranav Moreshwar Bhagat Harshal Wankar Kaushik Babhure Krutika Channe Ilma Naaz Nidhika Pardhi Saleheen Anwar Saif Rabbani Mohd. Altamash Gaurav Jasutkar Shashank Dwivedi Sadiya Ameen Mirza Qadir Baig	17	**THINKSYNQ**	1.7
07	Sadia Ameen Afreen Khan Shashank Dwivedi	3	**SGS TECHNOLOGIES**	1.8

GPU's will Replace CPU's in Future

The long debated issue of whether Moore's Law is coming to an end / become obsolete has been fuelled once again by Nvidia's CEO, Jen-Hsun Huang. At Nvidia's recent GPU Technology Conference in Beijing, the company's CEO stated that Moore's Law is indeed going to "die" in the future.

Jen-Hsun Huang went on to boldly claim that GPUs are on track to replace CPUs in the future. This somehow makes sense because over the years, CPUs have seen only a minute increment in performance output (around 10% annually). Yes, CPUs are indeed being endowed with smaller process technology every year or two, but the transition doesn't always translate to significant jumps in performance.

The Nvidia's latest GPU techology involves NVIDIA TITAN V which has the power of 12 GB HBM2 memory and 640 Tensor Cores, delivering 110 TeraFLOPS of performance. Plus, it features Volta-optimized NVIDIA CUDA for maximum results.

Intel latest CPU involves Core i9-7900x X-series processor which has 10 cores, Base Frequency 3.30 GHz and 4.50 GHz of Max Turbo Frequency and 14 MB of L3 Cache.

GPUs on the other hand, according to the Nvidia CEO, have seen tremendous advancements over the years, which makes them as perfect replacements for CPUs in the future. Most of us may – or may not – know of the fact that GPUs are indeed more capable and faster compared to CPUs when it comes to working on complex computational calculations and processing millions of random variables.

For those who aren't aware, Moore's Law is basically a "golden rule" of the semiconductor industry that's created by Intel's co-founder, Gordon Moore in 1965. The law basically outlines the advancements of transistors on integrated circuits in the future. Moore predicted that integrated circuits will feature double the amount of transistors every two years.

Intel, however, doesn't believe that Moore's Law is coming to an end anytime soon. In 2016, Intel's CEO, Brian Krzanich, stated that "as we progress from 14nm technology to 10nm and plan for 7nm and 5nm and even beyond, our plans are proof that Moore's Law is alive and well." Regardless, either way you look at it, faster and more powerful "chips" are always good for consumers – so keep it up Intel and Nvidia.

Sourabh M. Phulpagar
4th Sem Sec-A, CSE

The Forthcoming Technology : OCULUS RIFT.

Virtual Reality gaming is here in the form of Oculus Rift. This history-defining 3D headset lets you mentally feel that you are actually inside a video game. In the Rift's virtual world, we could turn our head around with ultra-low latency to view the world in high resolution display.

This is the beginning of the revolution for next-generation gaming.

The timing is perfect as the world is currently bombarded with the virtual reality topic that could also be attributed to Sword Art Online, the anime series featuring the characters playing games in an entirely virtual world. While we're getting there, it could take a few more years to reach that level of realism. Oculus Rift is first step.

Nusrat Fatema Syed,
4th Sem, Sec-B, CSE

Student Achievements 2017-18

"Rajasthan hackathon 3.0"

Final Year students Mr. ShashankDwivedi , Mr. Mrizaqadir Baig, Mr. Ankit jajoo, Mr. Aziz Sheikh &Mr. Saif Rabbani the students of "Anjuman College of Engineering & Technology"from final year Computer Science & Engineering had participated in an Event"Rajasthan hackathon 3.0" held in Rajasthan, Udaipur, on 2nd& 3rd December 2017

In this Competition more than 5000 students participated from different engineering colleges from all over India, and the above mentioned Students represented our institute and secured first position also they were awarded with national level certificate, a gift hamper and cash Prize.

Student Achievements 2017-18

SEED IT IDOL

Third Year student of Computer Science and Engineering department of Anjuman College of Engineering and Technology has participated in a technical event organized by SEED INFOTECH, Nagpur for the young technocrats.

In that event Mr. Usman Gani got the 2nd place in SEED IT Idol, SCIENTIFIC HALL (Nagpur) on 14/03/18. He won 1TB External Hard Disk worth Rs.8, 000/-.

And then he got an opportunity to compete in the state level for it in Pune in MAHA SEED IT IDOL in Sheraton Grand Hotel on 30/03/18. After competing with around 50,000+ CS engineering students from all over Maharashtra, it's a huge achievement for him to stand in the 7th place among them.

He was the only person representing Nagpur University among the top 10 finalists of MAHA SEED IT IDOL. He won Power Bank worth 1,500 Rs & Gift Hampers from TRICENTIS.

National level Project Competition

Final Year students Mr. Shashank Dwivedi, Mr. Mirza Qadirbaig, Mr. Ankit jajoo & Mr. Aziz Sheikh the Final year students of "Anjuman college of Engineering& Technology" from the department of "Computer Science and Engineering" had participated in a "National level Project Competition" held in "Priyadarshini Institute of Engineering & Technology" on 17th February 2018.

In this Competition more than 500 students participated from different engineering colleges across Maharashtra, and the mentioned Students represented our institute and secured first position also they were awarded with national level certificate and cash prize.

National level Paper Presentation

Mr. Shashank Dwivedi and Mr. Pranav Bhagat Final year students of Computer Science & Engineering had participated in a National level Paper Presentation Competetion held in "Jhulelal Institute of Technology" on 18th February 2018.

In this Competition more than 300 students participated from different engineering colleges across Maharashtra, and they represented our institute and Secured first position and awarded with a National level certificate & Cash Prize.

National level Paper Presentation &
State Level Karate Championship

• Mr. Shashank Dwivedi, a Final year student of Computer Science & Engineering had participated in a National level Paper Presentation Competetion held in "Priyadarshini Institute of Engineering & Technology" on 17th February 2018. In this Competition more than 500 students participated from different engineering colleges across Maharashtra, and Mr. Shashank Dwivedi represented our institute and Secured first position and was awarded with a National level certificate & Cash Prize.

• Mr. Shashank Dwivedi, Final year student of Computer Science & Engineering had participated in a State Level Karate Championship held at Hislop College Nagpur on 20 Dec 2017, in weight category of -84 kg, around 80 karatekas participated and Mr. Shashank Dwivedi secured first position and was awarded with a national level certificate and a gold medal.

Project Making Competition

Fourth year students of Computer Science and Engineering department of Anjuman College of Engineering and Technology has participated in Project Making Competition which was held at Rajiv Ganghi College of Engineering and Research Nagpur on 24th February 2018.

In this event more than 16 groups from all over Nagpur district has participated, where students of fourth year, Computer Science and Engineering department Ms. Zainab Jouhar and Ms. Umme Ayeman Khan secured second position. They carried out their work under able guidance of Prof. Abdul Razzaque, Computer Science and Engineering Department.

Wall Painting

Second year student of Computer Science and Engineering department of Anjuman College of Engineering and Technology has participated in Wall Painting which was held at G. H. Raisoni, College of Engineering Nagpur.

In this event Mr. Himanshu Wasnik secured 1st Prize of Rs. 2000/-. He has also participated in "Celestial-2018" organized by Anjuman College of Engineering and Technology, where also he secured 1st prize.

SEED IT Idol

Third Year and Final Year students of Computer Science and Engineering department of Anjuman College of Engineering and Technology has participated in a technical event organized by SEED INFOTECH, in SEED IT Idol, SCIENTIFIC HALL (Nagpur) on 14/03/18 for the young technocrats. In that event Mr. Usman Gani, Mr. Pranav Sangade, Ms. Anjum Sheikh, Ms. Ayesha Ali, Ms. Zahera Tabassum, Ms. Noori Khan, Ms. Sidrah Sheikh and Ms. Gauri Mohatkar were secured position in top 50 students.

Events organized in 2017-18

Sr.No.	Name of Event	Date of Event	Faculty Coordinator
1	**Parents Teacher Meet** (ODD Sem)	19/06/2017	Prof. Imteyaz Shahzad
2	**Krans Body Installation**	12/07/2017	Prof. Ritesh Shrivastav
3	**CSI Body Installation**	21/07/2017	Prof. Itrat Fatema Prof. Samina Anjum
4	**Visit to S. T. P. I.** (Software Technology Park of India) Hyderabad	26/08/2017	Prof. Saquib Ahmed, Prof. Mohd. Tahir
5	**Seminar on "DEVOPS" for Final Year**	27/09/2017	Prof. Saquib Ahmed
6	**local visit to RTTC** (Regional Telecom Training Centre)	13/10/2017	Prof. Itrat Fatema, Prof. Imran Ahmed
7	**Alumini Meet 2018**	26/10/2017	Prof. Saquib Ahmed
8	**Visit to S. T. P. I.** (Software Technology Park of India) on 07/12/18, Noida and Sebiz Square, Mohali	5/12/2017 to 13/12/2017	Prof. Ritesh Shrivastava Prof. Imteyaz Shahzad
9	**Parents Teacher Meet** (ODD Sem)	11/12/2017	Prof .Imteyaz Shahzad Prof. Anwarul Siddiqui Prof. Naveed Zeeshan
10	**Seminar on Gate Preparation**	12/01/2018	Prof. Dr. Rahila Sheikh Prof. Imran Ahmed
11	**Project Competition under CSI**	25/01/2018	Prof. Itrat Fatema Prof. Samina Anjum
12	**ACM Annual Day Celebration was organized at Persistent System, Nagpur**	17/02/2018	Prof. Dr. Rahila Sheikh
13	**Awareness Seminar on "JOB OPPORTUNITIES " for Engineering students in Public Sector.**	26/02/2018	Prof. Ritesh Shrivastava , Prof. Kaneez Khatoon Prof. Mohd. Tahir
14	**Parents Teacher Meet** (Even Sem.)	22/03/2018	Prof .Imteyaz Shahzad Prof. Anwarul Siddiqui Prof. Naveed Zeeshan
15	**Local Industrial Visit "MIHAN"**	13/04/2018	Prof. Itrat Fatema Prof. Imran Ahmed

Paper Publication Detail 2017-18

NAME OF GUIDE	NAME OF STUDENTS	PAPER TITLE	NAME OF JOURNALS PUBLISHED
Prof. M.S. Khatib Prof. Farheena Shaikh	Nandini Shende	Real-Time City Taxi Ride Sharing	IJSRCSEIT - VOLUME 3, ISSUE 3 , ISSN : 2456-3307
Prof. M. S. Khatib, Prof. Naishataban, Prof. Farheena Sheikh	Iffat Saleha, Sana Khan	An Open Chat Model for Question Answer Based On Crowd Sourcing	IJSART - VOLUME 4, ISSUE 3 MARCH 2018 ISSN [ONLINE]: 2395-1052
Prof. M.S. Khatib, Prof. Saima Ansari	Aliya Pathan, Eileen Kerketta	Static Signature Verification and Recognition Through Artificial Neural Network	IJSRST - UGC, PRINT ISSN : 2395 -6011, ONLINE ISSN : 2395 - 602X AND (NCAEAS-2018)
Prof. M. S. Khatib, Prof. Kaneez Khatoon	Saleheen Anwar Nidhika Pardhi Sadaf Qureshi Ilma Naaz Afreen Khan Alfiya Sheikh	Endorsement with Virtual Reality	IJSRST - UGC, PRINT ISSN : 2395 - 6011, ONLINE ISSN : 2395 - 602X , AND (NCAEAS-2018)

Paper Publication Detail 2017-18

NAME OF GUIDE	NAME OF STUDENTS	PAPER TITLE	NAME OF JOURNALS PUBLISHED
Prof. Kamlesh Kelwade Prof. Kaneez Khatoon	Anita Sonkusale Rashmi Chatap Sana Lulania Bhavana Pande	Android Smart Ticketing System using QR-Code	IJSRST - UGC, PRINT ISSN : 2395-6011, ONLINE ISSN : 2395 - 602X , AND (NCAEAS-2018)
Prof. Kamlesh Kelwade	Aziz Sheikh Alisha Fazlani Ata Ul Khalique Samiuddin Qureshi Aaliya Khan	Smart Department System	IJSART-ISSN ONLINE :2395-1052, AND (NCAEAS-2018)
Prof. Itrat Fatema	Anjum Sheikh Pranita Tiwari Sana Afsha	Responsive Earth Observation and Space Museum Application	IJISRD, VOLUME 2, ISSUE 3, PRINT ISSN : 2456-6470, IRJET 2018, eISSN: 2395-0056, pISSN:2395-0072
Prof. Nazish Khan	Aakansha N. Gupta Beenash Iram Rizwanur Rahman, Bharti D. Samrit Monika N. Dhage	Online Facility of Ticket Booking and Generating Bus-Pass Using Qr Code	IRJET 2018, VOLUME -5, SSUE-3, E-ISSN: 2395-0056, P- ISSN : 2395-0072
Prof. Manish Assudani	Adnan S. Kazi Pratik Sherke Shashank Dwivedi Sajid Z. Shaikh	Hermione 1.0"- A Voice Based Home Assistant System	IJSRST, VOLUME 4, ISSUE 3, PRINT ISSN : 2395-6011, ONLINE ISSN: 2395-602X
Prof. Abdul Razzaque	Zainab Jouhar Ayeman Khan Piyali Narnaware Prachi Thombre	IOT Based Farm and Monitoring System	IJSRD VOLUME 6, ISSUE 2 ISSN:2321 0613
Prof. Ritesh Shrivastava	Alsaba Qureshi Jayata Kelzare Khushboo Ansari Neha Dongre	Sentiment Analysis with Emotion Detection Using Prediction	IJSRD - VOLUME 6, ISSUE 02, 2018, ISSN (ONLINE) : 2321-0613
Prof. Nusrat Anjum	Jitendra Patra Kaushik Babhure Mohammad Altamash Shivam Asode Swapnil Mahalle	Bus Tracker Via GPS Using Android Application	IJSRST - VOLUME 4, ISSUE 3 PRINT ISSN : 2395-6011, ONLINE ISSN: 2395-602X
Prof. Sadia Patka	Pranav Bhagat Ifra Khan Sadia Ameen Mumtaz Parveen	Data Prevention Using Honeywords	2018 IJSARST - VOLUME 4, ISSUE 4, ONLINE ISSN: 2395-1052
Prof. Anwarul Siddique	Apeksha Sakhare Humera Khan Mukul Dhakate Ravina Patil	A Modified Method for Preventing Blackhole	IJTSRD - VOLUME 02, ISSUE: 03 ISSN:2456-6470,
Prof. Imteyaz Shahzad	Aditya Setiya Mohd. Danish Shaila.Khan Mohd. Tufail	Interactive College Enquiry Using BOT	IJSRST - VOLUME 4, ISSUE 3, PRINT ISSN : 2395-6011, ONLINE ISSN: 2395-602X

FINAL YEAR STUDENTS SECTION - A

FINAL YEAR STUDENTS SECTION - B

ACET

Department of
Computer
Science &
Engineering