

K.C. COLLEGE

DEPARTMENT OF  
COMPUTER SCIENCE

| Name                     | Designation                            | Qualification   |
|--------------------------|--|---|
| Dr. Shalini R. Sinha     | Coordinator, Dept. of Computer Science | Ph. D.<br>NET   |
| Mrs. Shalini Maheshgauri | Assistant Professor                    | Masters in Computer Management<br>M.Phil<br>(Computer Science)      |
| Ms. Geeta Brijwani       | Assistant Professor                    | M.Sc<br>(Computer Science)<br>M.Phil<br>(Computer Science)<br>M.B.A |
| Mrs. Vimala Rani. R.     | Assistant Professor                    | B.E (EEE)<br>Pursuing M.E (Computer Engineering)                    |
| Mr. Narendra Maurya      | Assistant Professor                    | M.Sc<br>(Computer Science)<br>Pursuing M.C.A                        |

# NON TEACHING STAFF

| Name              | Designation   | Qualification |
|-------------------|---------------|---------------|
| Mr. Rahul Javkar  | Lab Assistant | B. A          |
| Mr. K. B. Sukla   | Lab Attendant | H.S.C         |
| Mr. Ashish Gawade | Peon          | H.S.C         |
| Mr. Vishal Pandey | Peon          | B. COM        |

# T.Y.B.SC RESULT ANALYSIS

## T.Y.B.Sc. SEMESTER VI 2016 -2017

| Total Appeared | O | A  | B | C | D | Fail | Pass% |
|----------------|---|----|---|---|---|------|-------|
| 52             | 4 | 25 | 9 | 7 | 3 | 4    | 92.3  |

## T.Y.B.Sc. SEMESTER V 2017 -2018

| Total Appeared | O | A  | B  | C | D | Fail | Pass % |
|----------------|---|----|----|---|---|------|--------|
| 50             | 1 | 18 | 17 | 2 | 0 | 12   | 76.00  |

**\* 8 Students Revaluation results are awaiting.**

# DEPARTMENTAL ACTIVITIES

# ACADEMIC ACTIVITIES

| TOPIC   | DATE                            | ORGANIZATION                                |
|---|---------------------------------|---|
| Career Opportunities in IT & Career in Java                         | 20 <sup>th</sup> July, 2017     | Seed InfoTech Pvt. Ltd.                     |
| Angular JS  | 4 <sup>th</sup> August, 2017    | Squad InfoTech.                             |
| Education Abroad  | 1 <sup>st</sup> August, 2017    | Jamboree Education Pvt. Ltd.                |
| Advanced Microsoft certification on Internet of Things-Raspberry Pi | 23 <sup>rd</sup> August, 2017   | ATS Learning Solutions                      |
| Networking  | 9 <sup>th</sup> September, 2017 | Mr. Krunal Mistry<br>CISCO Certified        |
| Content Management System - WordPress                               | 18 <sup>th</sup> September 2017 | Mr. Maunash Jani<br>Genius Lynx             |
| Android OS  | 19th December, 2017.            | IT Edge Educational Institute of Technology |
| Global Volunteer  | 24th January, 2018              | AIESEC India                                |
| Gaming Development  | 16th February, 2018.            | FX School (Film & Television Institute)     |

# CO- CURRICULAR ACTIVITIES

## ACTIVITIES

**Tronic conclave** – Workshop on “3D Printing” and a seminar on “Networking” on 2<sup>nd</sup> February 2018.

**International Conclave** - Future Technologies includes Artificial Intelligence, Virtual Reality, Augmented Reality, Machine Learning & Internet of Things by Ms. Smita Bagla, Mr. Ed Lantz, Ms. Kate McCallum for the students of T.Y.B.Sc. Computer Science and I.T. on 23<sup>rd</sup> February, 2018.

**Exhibition on Raspberry Pi** - Pi Exhibits on 2<sup>nd</sup> February, 2018

**Campus Placement Drive** by QAD for 2017 passed out students of Computer Science and I.T students on 11<sup>th</sup> January, 2018.

**Campus Placement Drive** by Squad InfoTech Ltd. for T.Y.B.Sc. Computer Science and T.Y.B.Sc. I.T students on 22<sup>nd</sup> January, 2018.

# EXTRA CURRICULAR ACTIVITIES

## ACTIVITIES

**Fresher's Party** - For the F.Y.B.Sc students on 29<sup>th</sup> July, 2017 from 4:00p.m. to 6:00p.m in Sports Room.

**Trek** - One day Trekking event to Karnala Fort on 6<sup>th</sup> August, 2017 for all the students of Computer Science.

**Industrial Visit** - For T.Y.B.Sc. And S.Y.B.Sc. Students to Chandigarh, Manali and Amritsar from 28th Nov 2017 to 5th Dec 2017, visited **Lipi Solutions Pvt. Ltd. with ERP solutions.**

**Tug of War** - one day Intra-collegiate event Tug of war on 30<sup>th</sup> January, 2018 at Quadrangle, K.C. College.

**Inter-collegiate festival FiesTron2k18** on 2<sup>nd</sup> & 3<sup>rd</sup> February 2018.

**Farewell** - for T.Y.B.Sc. Students on 31<sup>st</sup> March, 2018.

# ACHIEVEMENTS

## STUDENTS' ACHIEVEMENTS

**Ms. Prachee Angane** has secured **College Topper** in Computer Science at T.Y.B.Sc. Semester VI Examination held on April 2017.

**Mr. Juzer Dhinojwala** has secured **Topper** at F.Y.B.Sc. Computer Science Semester I and Semester II Examination.

**Mr. Rahul Upadhyay** has achieved **Best NSS Volunteer** at District Level - Mumbai City Zone. and awarded as **Rotary Outstanding Student of the Year 2017-18** at the annual day of K.C. College

**Research paper** published on the topic **An Approach for Design and Development of a Mobile Application for Projecting Images Using Hologram** by **Ms. Mansi Dalvi & Mrs. Vimala Rani R.** in the research journal Jigyasa 2015-16, Volume 12.

**Research paper** published on the topic **Hand Gesture Recognition of English Alphabets** by Ms. Sonia Deora, **Ms. Mansi Pawar & Ms. Geeta Brijwani.** in the research journal Jigyasa 2015-16, Volume 12.

**Poster Presentation** by Mr. Rohan Biswal, & Ms. Mahenoor Mansuri on **IOT Based Smart Home Using Raspberry Pi** on 11<sup>th</sup> December, 2017 at **Avishkar Research Convention.**

**Campus Recruitments – 15 T.Y.B.Sc students** are placed in software firms such as **Infosys Limited, Larsen & Toubro, Capgemini India.**

## TEACHERS' ACHIEVEMENTS

**Ms. Geeta Brijwani** awarded **Outstanding Teacher- Exemplary work** in the year **2017** at the annual day of K.C. College.

| NAME                            | UNIVERSITY   | COLLEGE   |
|---------------------------------|--|---|
| <b>Mrs. Shalini Maheshgauri</b> | Examiner/Moderator<br>T.Y.BSc Semester V/VI  | Special Cell<br>Marathi Mandal  |
| <b>Ms. Geeta Brijwani</b>       | <ul style="list-style-type: none"> <li>• Examiner/ Moderator</li> <li>• Chairperson - F.Y.B.Sc Semester I/II</li> <li>• Paper Setter - S.Y.B.Sc Semester III</li> <li>• Syllabus Revision Committee - T.Y.B.Sc. w.e.f 2018-19</li> <li>• Practical Examination Committee - T.Y.B.Sc</li> <li>• Resource person –Workshop on Semester III/ V/VI Revised Syllabus</li> </ul> | Admission Committee<br>Attendance Committee<br>Kiran Cultural<br>Kiran Magazine<br>Website Committee<br>Science Honors Program<br>Jigyasa magazine<br>KC Sindhi Circle<br>IT Co-ordinator – T.Y. CAP<br>RSM |

## TEACHERS' ACHIEVEMENTS

| NAME                        | UNIVERSITY   | COLLEGE   |
|-----------------------------|--|---|
| <b>Mrs. Vimala Rani. R.</b> | Examiner/Moderator<br>T.Y.B.Sc Semester<br>V/VI  | Examination Committee<br>Science Honors Program<br>Jigyaasa magazine<br>RSM |
| <b>Mr. Narendra Maurya</b>  | <ul style="list-style-type: none"><li>• Paper setter /<br/>Examiner /<br/>Moderator T.Y.B.Sc<br/>Semester V/VI</li><li>• Paper Setter -<br/>F.Y.B.Sc Semester<br/>I/II</li><li>• Resource person -<br/>workshop on<br/>Revised Syllabus of<br/>S.Y.B.Sc.<br/>Mathematics</li></ul> | Kiran Cultural<br>India Today Ranking<br>Committee                          |

## Syllabus change in the academic year 2017-18

| S.Y.B.Sc. Computer Science Semester III |  |
|---|--|
| Course Code                             | Course Title                           |
| USCS301                                 | Theory of Computation                  |
| USCS302                                 | Core JAVA                              |
| USCS303                                 | Operating System                       |
| USCS304                                 | Database Management Systems            |
| USCS305                                 | Combinatorics and Graph Theory         |
| USCS305                                 | Physical Computing and IoT Programming |
| USCS307                                 | Skill Enhancement: Web Programming     |
| USCSP301                                | USCS302+USCS303+USCS304                |
| USCSP302                                | USCS305+USCS306+USCS307                |

## S.Y.B.Sc. Computer Science Semester IV

| Course Code | Course Title   |
|-------------|--|
| USCS401     | Fundamentals of Algorithms                           |
| USCS402     | Advanced JAVA  |
| USCS403     | Computer Networks                                    |
| USCS404     | Software Engineering                                 |
| USCS405     | Linear Algebra using Python                          |
| USCS406     | .NET Technologies                                    |
| USCS407     | Skill Enhancement: Android Developer<br>Fundamentals |
| USCSP401    | USCS401+ USCS402+ USCS403                            |
| USCSP402    | USCS405+ USCS406+ USCS407                            |

# BEST PRACTICES

## BEST PRACTICES

- **Gmail group** to share and exchange the notes, e-books, presentations, notes, videos, useful links, and projects related to the syllabus for **minimizing the use of paper** and reuse one side printout papers.
- **Involvement of Alumni** - for sharing their experiences related to project development with the T.Y.B.Sc. Students and sponsoring the events of the department.
- **Fresher's Party, Trek, Tug of war, Special days such as Mr. and Ms. CS, traditional day, Blue Day, Twin Day and Farewell Party** were arranged to increase the harmony and bonding across F.Y., S.Y. and T.Y. students.
- **Maintenance and replenishing of First Aid Box.**
- **Student nurturing program** – All teachers devote extra time towards the coaching of academically weak students.
- **Optimum utilization of Lab** - always available to all the students of College.
- Teachers go beyond the syllabus by way of helping students to do **projects** applied to day to day life.

# FUTURE TARGETS

- **Starting M.Sc. Computer Science Course because we have 72 students in T.Y.B.Sc Computer Science.**
- **Setting up the Laboratory for M.Sc. Computer Science.**
- **Applying for STAR DBT College Scheme.**
- **Collaboration with industry/organization/ corporates to provide internship to T.Y. students that will be made compulsory for next academic year for T.Y. Revised Syllabus.**
- **To provide Consultancy services to public and private enterprises.**
- **Setting up digital library ( e-books, DVDs, projects and Research papers)**
- **Facilitating Webinars with Wi-Fi facility in the Class room and Laboratory.**

## FUTURE CHALLENGES

- There will be 7 Theory Subjects in each class (F.Y., S.Y., T.Y.) that is 21 Theory Subjects and 18 Practical Subjects next academic year. Because of the increase of lectures and practical sessions, requirement of one more Class room and Computer lab.
- Requirement of one full time teacher for the next academic year. We have 6 visiting faculty in this academic year, taking one subject each in every semester.
- Requirement of High speed Computers with uninterrupted internet facility via WiFi and high resolution camera, amplifiers and good quality projector etc.

# ACADEMIC CALENDER

## ACADEMIC CALENDER

| TOPIC   | DATE   |
|---|--|
| Workshop on Revised Syllabus of T.Y.B.Sc. Computer Science Semester V/VI              | 30 <sup>th</sup> June, 2018                                    |
| Internal Examination  | 3 <sup>rd</sup> week of August, 2018                           |
| Certification Program   | 19 <sup>th</sup> October 2018 to 22 <sup>nd</sup> October 2018 |
| Industrial Visit  | 12 <sup>th</sup> November, 2018                                |
| Tronic Conclave and Intercollegiate festival - Fiestron 2k19                          | 15 <sup>th</sup> & 16 <sup>th</sup> December, 2018             |
| National level seminar on Machine Learning, Artificial Intelligence and Data Sciences | 16 <sup>th</sup> February, 2019                                |
| Internal Examination  | 3 <sup>rd</sup> week of January, 2019                          |

*Thank You*

