

**Shri R. L. T. College of Science, Akola**  
**Department of Computer Science/ IT**  
**(Session 2019-20)**  
**Department Report**

Department of computer science established in 1<sup>st</sup> July 1997 and Information Technology introduced in the year 2010-11. Computer Science Grant aid in April 2012 and first Post of Assistant Professor filled in 2014.

Department runs various activities throughout the session like regular students' Seminar, Project as per the curriculum.

**Following Activities Conducted by Department:**

- **Spoken Tutorial Project IIT Bombay Activity**

Department of computer science & I.T. organized *Spoken Tutorial Project* for student of B.Sc. II & B.Sc. III, their training were organized in Feb -2020 and online assessment test conducted on 13-03-2020 & 23-04-2020(re-test). In this training students learned FOSS (Free and Open Source Software) C++ & Java by Audio- Videos Spoken Tutorials.

Spoken Tutorial Project is followed by **Training & Online Assessment Test** remotely conducted by IIT Bombay, qualified students (Above 40% marks) offered certificates by IIT Bombay.

This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.

In Final Assessment Test on **C++ Language** 19(out of 35) and **JAVA language** test 12 (out of 24) students got qualified and issued **Certificates** which are offered by the *Spoken Tutorial Project, IIT Bombay*, which are very valuable in their career point of view.

- **“Techno Weeks Organized by Department”**

Department of Computer Science & I T organized two Guest Lectures and one Workshop from 07 Sept to 17 Sept 19 in the session 2019-20.

First Guest Lectures on topic “Logic Behind Programming and current trends in computer science and I. T. sectors” delivered by **Dr. Mamta Baheti** Madam from Hislop College Nagpur on 07-09-2019

Second Guest Lectures on topic “Understand Industry 4.0 and Modern IT Industry Requirement delivered by **Mr. Vijay A. Tathe**, CEO of Microspectra Software Technologies Pvt. Ltd, Khamgaon on 17-09-2019.

Three days workshop on “**ANDROID APPLICATION DEVELOPMENT**” which is conducted by faculties of Microspectra Software Technologies Pvt. Ltd, Khamgaon from 11-09-2019 to 14-09-2019. In this workshop 36 students participated and make their own basic App which Install in mobile.

- **Guest Lecture**

Department of Computer Science & I T organized Guest Lectures on 31 January 2020 by Mr. Kalpesh Beldar, CEO at BeldarTech-Flake, and Network Security Engineer, Network Manager, Google India Pvt Ltd presented carrier opportunities in the I T Industries as well as explained their company details and criteria for placement in BeldarTech-Flake and also their experience with Google and its services and challenges.

Organized this Guest Lecture for the benefit of students. Specially B.Sc. III Computer Science & I. T. more than 50 students had attended this program and get benefited. Teaching Faculties members of Computer Science & IT also were present.

- **Online Activities Conducted By Department**

1. **National Level Webinar**

Department of Computer Science & IQAC of Shri R. L. T. College of Science Akola (MS) organized a **National Level Webinar** on Cyber Security in Present Scenario and Career Opportunities in the Fields on 04 June 2020 at 11:00am. Resource Person of Webinar was Shri Shrikant Ardhapurkar, M.S. IIIT-Allahabad Founder of Crypto Forensic Technology, Nagpur.

There were more than 650 participant registered for the Webinar from all over the Country. Webinar was presented on Online on Zoom Meeting Software/ App as well as Youtube Link. It was very beneficial for students, faculty members and everyone who uses internet and digital gadgets and also focus on the career opportunities in the field of cyber security and forensic science.

2. **Online Awareness Programme**

Organized COVID-19 Pandemic General Awareness Online Quiz, and offered certificate by Shri R. L. T. College of Science Akola, more than 650 people appeared for this Quiz.

3. **Online Faculty Development Programme FDP on Latex**

organized Online Faculty Development Programme FDP on Latex in collaboration with Spoken Tutorial Project, IIT Bombay for faculty members, 49 faculty members from all over Maharashtra got benefited by FDP on Latex.

From Department of Computer Science Assistant Professor Mr R. B. Ghayalkar had taken initiative to organized above mentioned Webinar, FDP on Latex and Online Awareness Quiz Programme, and also successfully completed three FDPs and one STTP and resource person and committee member of online FDP on development of e-content by our college as well as attended one International Conference and different Webinars.

Also he has presented & published research paper:

- on “Review on Social Media Sentimental/ Opinion Analysis” in the National Conference on Recent Advances in Physical and Mathematical Sciences (NCRAPMS-2020) organized by Shri Shivaji College Of Arts , Commerce & Science, Akola 18th Jan 2020. And
- on “Avoid Duplicated Space For Same Files Specially On Social Media” in the National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management (NMRST- 2020) organized by Shri R.L.T. College of Science, Akola on 24th Jan 2020

Also Co-Author of Text Book of Computer Science Data Structure and C++ B.Sc. Part II (Sem-III)) Dyanpath publication in July 2019

**Mr. R. B. Ghayalkar**  
(Assistant Professor)  
**Dept of Computer Science & I. T.**