OUR VISION

To be a center of excellence in core Information Technology and multidisciplinary learning and research, where students get trained in latest technologies for professional and societal growth.

OUR MISSION

To enable the students, acquire skills related to latest technologies in IT through practice oriented teaching and training.

Program Educational Objectives

The Programme will produce graduates:

1.With sound theoretical and practical knowledge to obtain employment or pursue advanced studies and solve problems in Information Technology.

2. With effective written and oral communication skills that will help them to work in a diversified and dynamic working environment.

3.With competence to succeed in their professional lives with ethical values.

PROGRAM SPECIFIC OUTCOME

The Students will demonstrate:

1. Competency in programming using different programming languages to implement algorithms.

2. Competence in analysis and design of a software solution using different modelling tools

3. Competency in Electronic Design and Embedded System Design using different simulation tools.

3. With competence to succeed in their professional lives with ethical values.
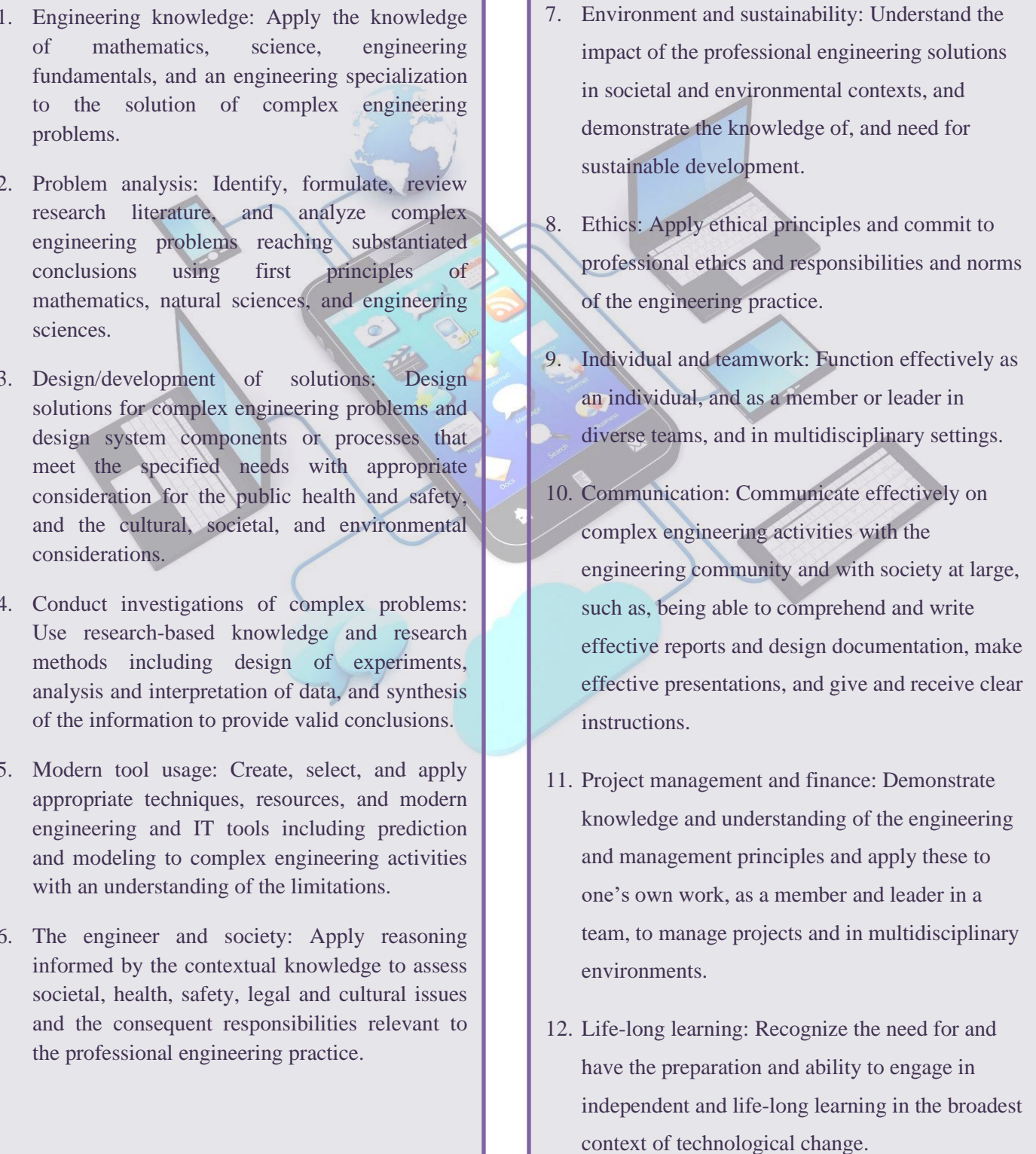
Editorial Team

Staff: Leelavathy B, Asst. Prof.

Students:
- ➢ K.Santhosh Sai Teja
- ➢ Yeshaswini Reddy
- ➢ GayathriShantha

PROGRAM OUTCOMES (PO'S)

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Data Mining in World Wide Web

The World Wide Web server is the collection of huge, widely distributed and global information centers. The Web also contains rich and dynamic hyperlinks and Web pages and usage information, providing rich source for data mining. But, mining data on Web poses many challenges for effective resource and knowledge discovery.

The challenges are:

- **The Web is too huge for effective data warehousing and data mining**- the size of web is thousands of terabytes and is rapidly increasing. Hence it is barely possible to integrate them into data warehouse.
- **The complexity in Web is far greater- Web lacks unifying structure**. Many users with different background make the web page in their own style.
- **The Web is highly dynamic**- the information on Web is continuously updating and rapidly increasing.
- **The web is used by broad diversities of user communities**- users may have different interests, purpose of usage and different backgrounds.

- **Only small portion of the information on Web is truly relevant**- on any given topic there will be thousands of pages related, discovering the best and relevant information that the user is interested is a challenge.

These challenges when properly addressed will make the information mining in Web more effective and efficient.

Solutions for Web Mining-Algorithms on Web Mining:

- **Indexed Based Web search engines**: In this we store Web pages, information using keywords. Huge keyword-based indices are maintained that help us to locate the set of Web pages with certain keywords. Experienced person may quickly find the information by using tightly constrained keywords.

  However, index-based search engines suffer with many deficiencies: Firstly, any topic(keyword) has thousands of pages which are returned by search engines which are marginally relevant or contains pages with poor quality. Secondly, many topics may not contain keywords defining them. This is referred as polysemy problem. For example, keyword JAVA may refer to programming language Java or an Island near Indonesia or brewed coffee.

- **Web Content Mining:** In this we have **Web Page Layout Structure Mining** and **Mining the Web's link structure for authoritative Web Pages.**

  - ➢ **Web Page Layout Structure mining:** The basic structure of Web page is its DOM (Direct Object Model) structure. The DOM structure is the tree like structure where every HTML tag

of the page corresponds to the node in DOM. As HTML tags are flexible, many Web pages do not follow the standards set by W3school thereby creating errors in DOM tree structure.DOM fails to distinguish different contents and semantics on the page. And also when a web page is presented to user, user divides the page into components based on spatial and visual cues. Hence DOM fails to address this. So, for Web Page Layout Mining we have **VIsual-based Page Segmentation (VIPS)** algorithm for forming the structure of the Web page.In this algorithm we structure the Web page into different components based on spatial and visual arrangement and each component represent node in the structure. We also assign Degree of Coherence for each node representing how coherent the component is with the content of the Web page. Using this algorithm we can eliminate noisy information, advertisements and divide the page into separate blocks based on the content.

➢ **Mining the Web's link structure for authoritative Web Pages:** User not only concern about the relevant information but also quality of the information (whether it is authoritative or not). We can be able to distinguish authoritative Web pages from other. This is done by examining the linkages(hyperlinks) between the pages. This hyperlink contains enormous amount of latent human

annotations that can help automatically infer the notion of authority. When an author of a Web page creates a hyperlink to another Web page, this is the authors endorsement to the other Web page. Collective endorsement of the given page by different authors gives the importance of that page and may naturally lead to the discovery of authoritative Web pages. Thus, this is the prominent technique in Web content mining.

Not every link is an authoritative Web page.They may be for paid advertisements , navigation.To resolve this we use the an algorithm using hubs.Hub is one or set of web pages containing the collection of links that link to authorities. A good hub has the large collection of authoritative web pages and a good web page is the one which is present in many good hubs.

HITS (Hyperlink Induced Topic Search) is an algorithm used in which we collect all the web pages and links in these pages and add authority weight and hub weight to them. It returns the pages with large hub weight and authority weight. This provides very good and accurate result.

Drawback of this method is that many web pages from same website point to the same authoritative site which adds more weight to it.

➕ **Mining Multimedia data on Web:** Huge amount of multimedia data is present on web. These include images, videos, audio, graphs, pictures. Compared to general

multimedia, Web-based multimedia data is embedded into Web page and are associated with text and links.

Using Web layout mining techniques we can divide Web page into different blocks, using this we can consider multimedia as a separate block and mining multimedia is referred as mining these blocks as whole. We analyze the multimedia block on the Web page by using block to image relationship matrix, where we store the data about the multimedia in the block and their coherence.

Classification of Web Documents: Web pages can be classified into different classes categories based on predefined topics. This method is used to classify the new Web pages by assigning category. Key-word based classification of the Web pages is also done, where Webpages containing similar key-words are formed into cluster. However, Web page may conatin different components , block-based content analysis plays an important role and more accurate.Hyperlinks in the Web page gvies more information about the page, we can acheive even more accuracy than other techniques.

Web Usage Mining: In this we mine Web records to discover Web the access patterns of the user. Analyzing and exploring these Web records we can identify the potential E-Commerce customer and enhance the quality and delivery of the Internet information services to the end user and improve Web server system performance. Web server stores the log entry or Weblog entry

for every access of the Web page. Weblog entry contains information like URL request, IP address from which request oriented and timestamp. These available information of Web records can be used for mining top N users, top N accessed Webpages using OLAP analysis.

By mining the Web records, we can also discover association patterns, sequential patterns and trends in Web accessing. This Web usage mining also help in improving Web server design, Web catching, Webpage prefetching and Web page swapping , understanding the nature of the Web traffic and, understanding the user motivation and interests. The information from the Weblog data can be integrated with Web content mining and Web link structure mining to help in Webpage ranking, Web page classification. Additional information mined from user's interaction history and content searched helps in more accurate ranking.

These are the challenges and some techniques for Data Mining in World Wide Web.

-K.Santhosh Sai Teja
IT-B(4/4)

Advanced JAVA for Developing Complete Web Application

Prerequisites:

- Basic Java
- Basic SQL

Here we learn how can we build a web application solely using Java. Java is a very robust language which address all our needs for developing a web application. Advanced Java is very vast concept, here I am limiting myself to basics.

Going into the topic , for a web application to be develop we have three major tasks, one User Interface , second processing the information given by user and third connecting to database. These three are beautifully addressed by Java. JSP(Java Server Pages) for presentation logic , Servlets for processes logic, JDBC (Java Database Connection) connecting to database. These three serve as pillars for developing web application in Java.

Java provides **JSP (Java Server Pages)** for presentation logic (User Interface) which is similar to HTML, JSP support all the tags in HTML along with it provides advanced tags for communicating with servlets (we get to know as we go through article). JSP is used for creating dynamic web pages. File with JSP

tags is saved with the extension '.jsp'.

Sample JSP program:(for login form)

```
<html>
<body>
<center>
<h1>DEPARTMENT OF INFORMATION TECHNOLOGY</h2><hr>
<form action="/ITDepartment/student">
<h2><%=request.getParameter("MSG")%></%></h1>
<table>
<tr><td>LOGIN  ID:</td><td><input type="text" name="lid"/></td></tr><br><br>
<tr><td>PASSWORD:</td><td><input type="text" name="password"/></td></tr><br><br>
<tr><td colspan="2" align="center"><input type="Submit" value="Login"/></td></tr>
</table>
</form>
</center>
</body>
</html>
```

"<%=request.getParameter("MSG") %></%>" this tag is used to dynamically display the message on web page which is given by servlet program.

"<form action="/ITDepartment/student">" this tag is for calling the servlet program from JSP program.

Coming to **Servlets**, these are the simple Java programs(Servlets programs is saved with the extension of '.java') which helps in processing information (validating or performing any operation on information) given by the user before sending it to database or to web page. Servlet acts as intermediate between JDBC and web page and performs all the process logic. Best practice is manipulation

and operation on data is only done in Servlet. Servlet takes the data from JSP, processes it and send it to JDBC program.

Some basics for coding servlet program: Servlet provide services through three methods service, doGet, doPost. We use "req.getParameter(<<name in JSP program>>)" to get the data from JSP program and "req.setAttribute("Message name","<<message>>")" to post or send data to JSP programs. We use "req.getRequestDispatcher(<<target JSP program>>)" to call the required JSP dynamically. In servlet program we call the required function in JDBC class

Sample Servlet Program:(for login processing)

```
public class StudentServlet extends HttpServlet
{
    public void Service(HttpServletRequest req,HttpServletResponse resp)throws Ser
    ,IOExpection
    {
        String loginid=req.getParameter("lid");
        String password=req.getParameter("password");
        int result=ModelComponent.Studentlogin(loginid,password);
        String target=NULL;
        if(result!=0)
        {   target="Studenthome.jsp";
        }
        else
        {   req.setAttribute("MSG","Invalid loginod or password");
            target="Studentlogin.jsp";
        }
        RequestDispatcher rd=req.getRequestDispatcher(target);
        rd.forward(req,resp);
    }
}
```
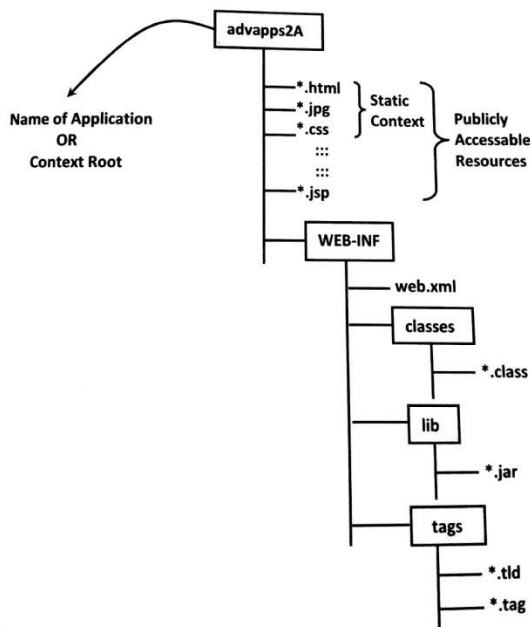
Now, moving on to **JDBC (Java DataBase Connection)**. JDBC act as bridge between our application and database. JDBC is used get information from database. Servlet sends the data to JDBC to match the data with the data in database or servlet sends the request for the data in the database to JDBC. We establish connection to database in JDBC class. We write query in JDBC program and execute them on the database. We have different types of statement (query in JDBC). Prepared Statement is a pre-defined datatype which is used to execute the written query. PrepareStatement is used when same query has to be executed multiple time. We have three different methods for executing query "executeQuery()" ,execute()", "executeUpdate()" each of this is called using object of PrepareStatement object. We can also write a dynamic query in which we can take the data at runtime and execute the query. After the execution of the query result may be an integer or a set of rows. So, return type of execute methods may be "int" or "resultset" (which stores all the rows returned after executing query).

Sample JDBC program:(for Student Login)

Finally, we also must maintain the directory structure for our web application.

```
public class ModelComponent
{
    public static int Studentlogin(String lid, String password)throws SQLException,
    ClassNotFoundException
    {
    int x=0;
    Class.forName("oracle.jdbc.OracleDriver");
    Connection con=
    DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","database-username","password");
    String sqlQuery="select * from students where rollno=? and password=?"; //preparing dynamic query
    PreparedStatement ps=con.prepareStatement(sqlQuery);//preparing Prepared statement
    ps.setSting(1,lid);//getting data from servlet and substituting in dynamic query
    ps.setString(2,password);
    ResultSet rs=ps.executeQuery();//executing query and storing the result
    if(rs.next())
    { x=rs.getInt(1);
    }
    con.close(); //closingconnection
    return x;
    }
```


-K. Yeshaswini Reddy
  IT-A(2/4)

CleanseBot

CleanseBot is the world's ONLY smart travel robot designed with YOU in mind.

CleanseBot is a smart robot with artificial intelligence and 18 sensors built in. It uses FOUR UV-C lamps to blast away 99.99% of germs and bacteria on ANY SURFACE.

But most importantly, on your hotel bed.

Hotels are notorious for germs and bacteria, and you don't want to worry about that when you're traveling - whether you are traveling for work or for fun!

Just set the CleanseBot down on the bed, turn it on for either 30 or 60 minutes, and go about your day while it sanitizes and disinfects your bed sheets and blankets!

Not only does CleanseBot kill germs, bacteria, and dust mites, but UV-C light has been proven in many studies to help prevent the spread of airborne viruses, too.

CleanseBot is the ONLY thing like this in the world!

CleanseBot is designed to glide over and between the bedsheets in your hotel room, apparently eradicating bacteria in its wake.

There are robotic vacuum cleaners about, but CleanseBot isn't one of them -- it doesn't suck up debris but instead uses ultraviolet light in what's called the C-spectrum, a wavelength at which light has disinfectant properties and that is often used in hospitals.

"CleanseBot works by using four UV-C lamps to inactivate and kill bacteria, germs, and dust mites," explains Yang.

Step 1

For Under Blanket Mode, pull the top and bottom halves of the CleanseBot apart to reveal the wheels.

Set the CleanseBot wheels down on any surface, including a bed underneath the blankets, and press the power button to turn on.

It will clean on it's own for 30 or 60 minutes. Press the power button once for 30 minutes and twice for a 60 minutes run time.

Step 2

In Handheld mode, simply put your hand under the strap and hold the power button for 3 seconds to turn it on.

Press the power button again to turn on the downward-facing UV-C lights.

Then aim the lights at any surface or device, holding it 1-3 inches away.

Step 3

For Power Bank Mode, use the USB-C port to power any device.

Step 4

For easy storage, put the handle cover back on the wheeled part of the CleanseBot, hold the power button for 3 seconds to turn off, and store.

It's portable size means it can be kept easily in drawers, backpacks, and more.

Kill 99.99% of germs, bacteria, and dust mites hiding on beds and blankets!

Portable fast charger for on the go!

Safe around children and pets with no chemicals!

Sanitize and disinfect your kitchen surfaces in moments!

-Gayatri Shantha
 IT-B(4/4)

Department activities for the period of June- December 2019

Alumni Activity:

➢ Mr. B. Sanjay Reddy, Software Engineer, PEGA Systems who was an alumnus of passed out in the year 2018 visited the department to perform alumni activity by giving a "Lecture on Data Structures and Applications" for BE III Semester, IT A&B section Students on 27th July 2019.

➢ Mr. NithSimran Singh, Software Engineer, Adtran Networks who was an alumnus of passed out in the year 2018 visited the department to perform alumni activity by giving a technical talk on "Working in a Networking Product Development company: Skill set Required" for BE III-Sem, IT A&B section student on 31st August 2019.

➢ Mr. SuryaKiran, IT Alumnus of 2015 batch visited the department to perform alumni activity on the topic "Preparing for Placements" for all the Lateral Entry Students - III-Sem. IT A&B and V Semester A and B Section on 27th September 2019.

➢ Mr. I. Thrinath UI Developer, Pega Systems, Mr. M. Jagadeesh Chandra, Project Engineer- Oracle Apps AT Wipro, who was an alumnus of passed out in the year 2018 visited the department to perform alumni activity by giving a talk on "Tips for Campus Recruitment Exams" for BE III-Sem, IT A&B section student on 28th October 2019.

➢ Mr. M. Abhijit Chandra, Associate Software Engineer, Service Now, Mr. Krushi Raj, Software Engineer, NCR Corporation who was an alumnus of passed out in the year 2018 visited the department to perform alumni activity by giving a Session on "Interview Coder " for BE V-Sem, IT A&B section student on 9th November 2019

Faculty Seminars/Workshops/ Guest Lectures/Personality Development Programmes/ Conferences National / International Staff Development programmes organized in the department :

Sl. No	Name of the Staff Member, Designation	Title of the event (Seminar/Workshops etc.) attended & Venue	Date (s) of event	Details of experts Addressed
August -2019				
1	Mrs. C. Sireesha, Asst. Prof.	Virtual lab Outreach activities till date at Virtual Labs Digital Classroom Review meeting of IIITH Nodal Coordinators and IEEE Representatives held at IIIT, Hyderabad, Gachibowli.	31.08.2019	Mr. Ravi Shankar, Virtual Labs, IIIT, Hyderabad. Mr. Lalith Kumar, Virtual Labs, IIIT, Hyderabad
September -2019				
2	Mrs. L. Divya, Asst. Prof.	WISE Program at Microsoft Office	17.09.2019	Experts from Wise Team
October-2019				

3	1. Dr. K. Ram Mohan Rao, Professor & HOD 2. Dr. V. Venkata Krishna, Professor 3. Dr. K. Shyam Sunder Reddy, Assistant Professor 4. Mrs. S. K. Chaya Devi, Assistant Professor 5. Mr. R. Dharma Reddy, Assistant Professor	How to Write Research Proposals to different funding agencies at VCE	15.10.2019	Dr. Sanjeeva Rao, Retd Scientist, Department of Science and Technology
4	Dr. K. Ram Mohan Rao, Prof. & HOD	Two-day National Level workshop on Quality Enhancement Measures in Higher, Technical, Professional and Management Educational Institutions with Special focus on NIRF India Rankings held at JNTUH, Kukatpally	18-19 October, 2019.	Dr. Anil Kumar Nasa, AICTE Board Member Dr. Surendra Prasad, IIT, Delhi, Yadayya, Registrar, JNTUH
5	Mr. N. David Raju, Asst. Prof.	T-Tribe Induction Program at T Hub	25.10.2019	1. Mr. Pankaj, Idea Labs 2. Mr. Ravi Narayan, CEO, T-Hub
6	Mr. K. Srinivasa Chakravarthy, Asst. Prof. Mrs. B. Leelavathy, Asst. Prof.	One-day Workshop on Cyber Security Fundamentals at Dept. of CSE, UCE, OU	25.10.2019	1. Mr. Shama Prasad, Trainer, Cyber Security Centre of Excellence 2. Mr. Andrw, Trainer, Cyber Security Centre of Excellence 3. Dr. Sriram, CEO, Cyber Security Centre of Excellence 4. Mr. Srinivas, Chief Information Security Officer.
		November-2019		
7	Mrs. C. Sireesha, Asst. Prof. Mrs. DRL Prasanna, Asst. Prof.	1 day FDP on Algodynamics at IIIT, Hyderabad	09.11.2019	1. Dr Venkatesh Choppella, Associate Professor, IIIT Hyderabad, 2. Dr K Vishwanath, Professor, SERC, IIIT Hyderabad, 5. Mr Mrityunjay Kumar, PhD Student, SERC

8	Mr. K. Srinivasa Chakravarthy, Asst. Prof.	PEGA UAP Conclave-2019 held at Lemon Tree, Raheja IT Park, Hitec City, Hyderabad.	15.11.2019,	1. Mr. Suman Reddy, Vice President & Managing Director , Pega Systems India 2. Mr. Santanu Paul, CEO, Managing Director, Talent Sprint 3. Mr. Kris SV, Senior Director, Industry Applications, PEGA Systems 4. Mr. Sridhar K, Chief Business Officer, Talent Sprint 3. Mr. Gerald Leavitt, Director, Continuous Improvement and Global Technical Enablement, Pega Systems
9	Mr. K Srinivasa Chakravarthy, Asst. Prof. Mrs. Leelavathy, Asst. Prof.	FDP on "Deep Learning and Its Applications" organized by Dept. of CSE, VCE	25th - 30th November, 2019	1. Dr. Mettu Srinivas NTIW 2. Dr. I. Earnest Paul NTIW 3. Prof. G. Ramamurthy MEC 4. Ravi Sankar lIT-H 5. Prof. Challa Subhahmanya Sastry 5. Dr. Kumar Rajamani, BOSCH
10	Mr. K Srinivasa Chakravarthy, Asst. Prof.	Attended 'TechWave' Event conducted by M/s. Ernst & Young Services Pvt. Ltd., Bangalore	28.11.2019	1. Ms. Aarti, HR Manager

Publications: (Conferences, Journals, Books) :

S No	List of Authors	Title of the paper	Name of the Journal / Conference (with volume, pg nos & year)
1	Dr. K. Ram Mohan Rao, Sridhar	Multi Keyword Search on Encrypted Text without decryption	International conference on Computer Networks and Inventive Communication Technologies (ICCNCT-2019 organized by RVS Technical Campus during May 23-24, 2019, at Coimbatore, Tamilnadu.
2	Mrs. S. Aruna Dr. K. Swarna	Survey on Analysis of Students emotions through educational data mining	7th International Conference on Innovations In Computer Science and Engineering (ICICSE—2019) with support from CSI and organized by Guru Nanak Institute of Technology and Guru Nanak Institutions Technical Campus

Students – Co –curricular/Professional body Events organized for students in the department during August 2019

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	3.08.2019	Hacker Rank Challenge on Basics of Python under professional body - Computer Society of India Student's Chapter Activities		III-Sem A&B Section students
2	07.08.2019	Expert Lecture on Importance of IT Courses	Mr. Amar Sharma, Adjunct Faculty and	I-Sem IT A&B Section Students
3	13.08.2019	Expert Lecture on Importance of IT Courses	Mr. Amar Sharma, Adjunct Faculty and	I-Sem IT C Section Students
4	17.08.2019	Guest Lecture on Operating Systems under Computer Society of India Student's Chapter Professional Body Activity	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SF', Advanced Data Processing Research Institute (ADRIN), Dept. of Space, Indian Space Research Organization (ISRO)	V-Sem A&B Section students
5	19.08.2019	Guest lecture on 'Importance of Developing Leadership and Entrepreneurial Skills in Today's youth' under Co-curricular Activity	Mr. Pankaj Talwar, General Manager, Jamboree	V-Sem A&B Section students
6	31.08.2019	Lecture on Amazon Web Services & Virtualization using Xen for course DS&CC	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SF', Advanced Data Processing Research Institute (ADRIN), Dept. of Space, Indian Space Research Organization (ISRO)	VII-Sem A&B Section students
7	31.08.2019	Blind Coding Challenge (Individual Activity) under Professional Body IE(I) as part of Engineer's Day		III-Sem IT (A & B) Students
8	31.08.2019	'Robocode Contest' (Group Activity: Max 2 students per group) under Professional Body IE(I) as part of Engineer's Day		V-Sem IT (A & B) Students

Students – Co –curricular/Professional body Events organized for students in the department during September- 2019

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	06.09.2019	Essay Writing Competition (Individual Activity) under Professional Body IE(I) as part of Engineer's Day		VII-Sem IT (A&B) Students

2	07.09.2019	Guest Lecture on Cloud Computing: Xensdt, GAE	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SF', Advanced Data Processing Research Institute (ADRIN), Dept. of Space, Indian Space Research Organization (ISRO).	VII-Sem A&B Section students
3	25.09.2019	Technical Session on Cyber Security	Mr. Rahulji Vittapu, Senior Manager, Capgemini	V-Sem IT A&B Students
4	25.09.2019	Session by She Teams	Sri Rakshith Tandon, Cyber Security Expert	VII-Sem IT A&B Students
5	27.09.2019	1 Day Workshop on Basics of DJango	Mr. Amar Sharma, Adjunct Faculty & Founder & CEO, Woir Software	V-Sem IT A&B Students

Students – Co –curricular/Professional body Events organized for students in the department during October – 2019

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	04.10.2019	Expert Talk on CISCO – Digital Transformation & Emerging Technologies	Mr. Kasi Nalamalapu, Cisco Principal Engineer, CISCO's Enterprise Wireless Networking Group	BE VII-Sem IT A&B students
2	23.10.2019	Workshop on Big Data Analytics using Hadoop	Mr. Amar Sharma, Adjunct faculty, Founder & CEO, M/s. Woir Software India Pvt. Ltd.	VII-Sem IT –A Section Students
3	25.10.2019	Workshop on Big Data Analytics using Hadoop	Mr. Amar Sharma, Adjunct faculty, Founder & CEO, M/s. Woir Software India Pvt. Ltd.	VII-Sem IT –B Section Students
4	26.10.2019 (Forenoon)	Lecture on DS&CC Virtualization using Xen	Dr. Raghavendra Kune, Adjunct Faculty, Scientist/Engineer SF, ADRIN, (ISRO).	VII-Sem IT –A Section Students
5	26.10.2019 (Afternoon)	Lecture on DS&CC Virtualization using Xen	Dr. Raghavendra Kune, Adjunct Faculty, Scientist/Engineer SF, ADRIN, (ISRO).	VII-Sem IT –B Section Students
6	29.10.2019 (Afternoon)	TiE-Graduate Premier League (Tie-GPL)	1. Mr. Phani Pattamatta, Executive Director, TiE-Hyderabad 2. Mr. Charan Lakkaraju, CEO, Stumagz & his Team	VII-Sem IT–A&B Section Students
7	30.10.2019 (Forenoon)	Workshop on Big Data Analytics using Hadoop	Mr. Amar Sharma, Adjunct faculty, Founder & CEO, M/s. Woir Software India Pvt. Ltd.	VII-Sem IT – A&B Section Students
8	31.10.2019	Career Guidance Session from 11.00 to 12.30 pm in QEEE Seminar Hall, organized by Training & Placements section, VCE.	Team from, M/s. Byju's App.	V-Sem IT A&B Students

Students – Co –curricular/Professional body Events organized for students in the department during November - 2019

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	01.11.2019 (Forenoon)	Workshop on Big Data Analytics using Hadoop (Continuation to 23rd & 25th Oct., 2019)	Mr. Amar Sharma, Adjunct faculty, Founder & CEO, M/s. Woir Software India Pvt. Ltd.	VII-Sem IT A&B Section Students
2	16.11.2019	Guest Lecture on MPI (DS&CC)	Dr. Raghavendra Kune, Adjunct Faculty, Scientist/Engineer SF, ADRIN, (ISRO).	VII-Sem IT A&B Section Students
3	08.11.2019	Career Guidance session on 'Opportunities through Coding in IT Industry' by M/s. Talent Sprint at PIM Seminar Hall, vce	Mr. Giridharan, Director, M/s. Talent Sprint Pvt. Lttd.	III-Sem & V-sem students
4	07.11.2019	Career Guidance session on 'Exagile of GRE & TOEFL by ETS TOEFL held at Seminar Hall, R-Block, VCE.	Mr. Lakshmi Kanth, South India Representative of ETS	V-Sem IT-A Section
5	14.11.2019	Seminar on Career Guidance in R-Block, VCE	Mr. Srinivasa Harsha Jammu from iZura Equipments	VII-Sem IT A&B Students.

Students Participation/Achievements (Co-curricular / Extracurricular / Other) :

➢ The following are the details of winners of Engineers' Day celebrations 2019, we have conducted three events at department level under IE(I) Professional Body Activities for B.E. III Semester IT (A&B Sections), B.E. V Semester IT (A&B Sections) & B.E. VII Semester IT (A&B Sections) students.

Winners Details are as follows:

S. No.	H.T. No.	Student Name	Class	Secured Place
Essay Writing Competition on "Engineering for Change" (06.09.2019)				
1	1602-16-737-078	KIRANMAYI ANUPINDI	B.E VII Sem IT-B	I Prize
2	1602-16-737-017	S A S IRSHAD	B.E VII Sem IT-A	II Prize
3	1602-16-737-114	A VAMSI	B.E VII Sem IT-B	III Prize
Blind Coding Challenge (31.08.2019)				
1	1602-18-737-057	BOGGARAPU VENKATA SIVA KUMAR	B.E III Sem IT-A	I Prize
2	1602-18-737-080	BEJUGAM MAHALAXMI	B.E III Sem IT-B	II Prize
3	1602-18-737-055	JAMBULA UDAY KUMAR REDDY	B.E III Sem IT-A	III Prize
Robocode Contest (31.08.2019)				
1	1602-17-737-054 1602-17-737-050	GUNDA VARUN PABBA SRIVARSHA	B.E V Sem IT-A B.E V Sem IT-A	I Prize
2	1602-17-737-094 1602-17-737-098	K RISHITHA REDDY Y SAI RACHANA	B.E V Sem IT-B B.E V Sem IT-B	II Prize
3	1602-17-737-052	P SURAJ	B.E V Sem IT-A	III Prize

| 1602-17-737-309 | DESHMUKH VIKAS | | B.E V Sem IT-A | |

> The following 3 students got selected in CISCO (internship with 40K per month package) out 12 from IT. Interview held on 13.11.2019 & 05.12.2019. These shortlisted students were given training in CISCO Course 'CCNA' from 21st October to 12th November 2019. Mr. Jithender Reddy, Asst. Prof. & CISCO Instructor conducted training classes for the selected students in IOT, Cyber Security & CCNA.

SNO	H.T. No.	Student Name
1	1602-16-737-001	T K AISHWARYA
2	1602-16-737-052	SWETHA KANAMARLAPUDI
3	1602-16-737-102	VISHWANATHAM SARIKA

- Mr. Mohammed Waheeduddin Farooqui Junaid (1602-17-737-020) got **Second Prize (Received MSP430 Microcontroller)** in TI (Texas Instruments) Drishti online Contest by TI University Program conducted on 27-28 July, 2019. A total of 361 students have participated. Winners of the contests received prizes on 13.11.2019. **He also got total 5 certificates in different streams.**
- **(Details are given as follows.)**

S. No.	H.T. No.	Student Name	Contest Details	Certificate details
1			WEBENCH - an online contest on 27th Jul 2019	Participation Certificate
2			MSP430 - an online contest on 28th Jul 2019	Participation Certificate
3	1602-17-737-020	Mohammed Waheeduddin Farooqui Junaid	ANALOG - an online contest on 28th Jul 2019	**Third Place**
4			DSP - an online contest on 28th Jul 2019	**First Place**
5			TIVA - an online contest on 28th Jul 2019	**First Place**

Extra-Curricular Activities

- K. Rishitha Reddy (1602-17-737-094) participated in the event Kata and secured **3rd place** at 7th Salute Martial Arts Academy, Telangana State Invitational Championship-2019 held at Victoria Indore Stadium, Chaderghat, Hyderabad on 18th August 2019.

- K. Rishitha Reddy (1602-17-737-094) participated in the event Kata and secured **3rd place** at 4th National level Open Karate Championship-2019 organized by Victory Shotokan Karate Association India held at Bommak Balaiah Garden, Boduppal, Hyderabad, TS on 15th Sep 2019.