



IT Chronicle

A Half-Yearly News Letter

Volume 7, Issue 1

January, 2018

Department of Information Technology

The Department of Information Technology is one of the first department established in MGIT in the year 1997 and has got accredited by NBA twice so far. We are proud to say that seventeen batches of students have successfully completed their B.Tech programme many of them got admissions in Master programme abroad and majority of them have been employed in reputed IT companies, organizations spread across the globe.

Dr. D. Vijaya Lakshmi, Professor, appointed as HoD in the IT

Dr. D. Vijaya Lakshmi has been appointed as HoD, IT. She did her PhD from JNTUH. She has over 20 years of total teaching experience. Her research areas include image processing and pattern recognition.

She is currently heading the department of Information Technology in MGIT.

One Week FDP on “Avenues for Technology and Research in IoT”

The Department of communication technologies, sensor technologies, networking technologies, data/ storage/ analytics and security aspects of IoT in building the next-generation computing realm, which makes a world fully connected. The FDP has provided participants with good insights of different pieces of an IoT system and how they interact.

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IT DEPARTMENT’S VISION, MISSION AND PEO’S

Vision

To keep abreast of the latest developments with an aim to nurture students and to equip with tools and applications to develop socially useful technologies and to transform students into future global technocrats.

Mission

To gradually transform into a centre of excellence, adopting cutting edge technologies necessary for nation building while maintaining global standards in education, training and services providing quality environment and technical know-how to all

and Communication Skills to use in a variety of applications.

III. To equip students to recognize and understand the social, cultural, Ethical, global and environmental responsibilities of the professional engineer, and the need for sustainable development,

IV. To provide opportunities for students to engage them in continuous academic lifelong learning and to update them in their profession to groom them as leaders in the technological world.

PROGRAMME EDUCATIONAL OBJECTIVES

I. To provide students with a sound foundation in the fields of English, Mathematics, Science and Technology so as to work productively as IT Professionals, in leadership roles.

II. To train students in order to develop the ability to design, construct, install and optimize the use of electronic devices, informatics, automation tools

Special points of interest:

- One Week FDP on “Avenues for Technology and Research in IoT”
- Dr. D. Vijaya Lakshmi, Professor, Appointed as HoD of IT Dept.
- Sudden demise of Dr.B.N. Reddy.

Editorial Committee:

- Dr. D. Vijaya Lakshmi, Prof.
- Dr. V. Ramesh, Assoc. Prof.
- Mr. D. Vijay Kumar, Asst. Prof.
- Mr. M. Ayyavaraiah, Asst. Prof.

Columnist:

- Mr. G. Kasi Reddy, Assoc. Prof.

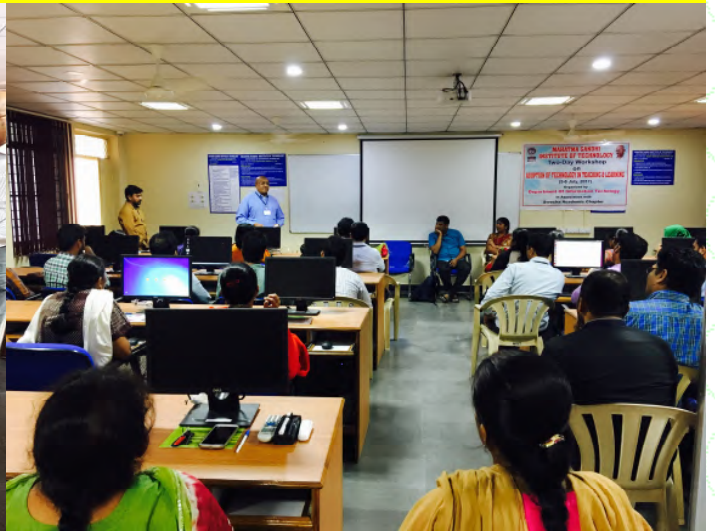
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One Week FDP on "Avenues for Technology and Research in IoT"



Inaugural of FDP in Dept. of IT. HOD, Speaker, Principal



Prof.G. Chandra Mohan Reddy, Principal of MGIT addressing in the inaugural of FDP



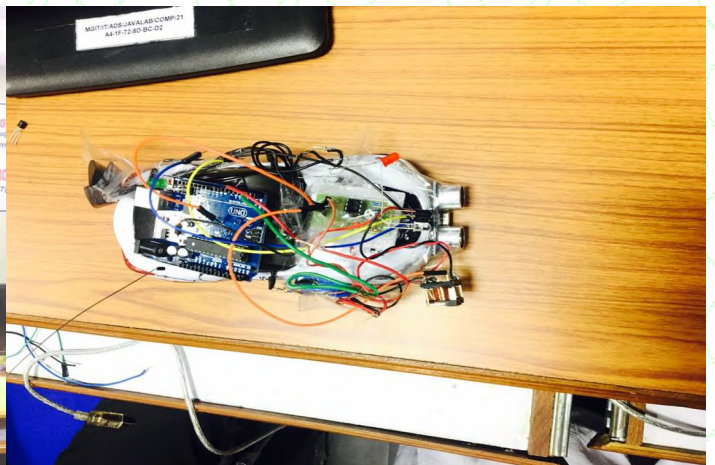
Session By Kasi viswanath Reddy, General Manager, Thoughtworks



Session by Dr. Swamydas, CSE Dept. CBIT.



Group Photograph of by Dr.L. Pratap Reddy, Professor JNTUH and Team, HoD, IT Dept. Staff



Working Model Developed by Participants.

Research Publications of Faculty

Sl. No.	Name of the Faculty	Details of Publication
1	Dr.D. Vijaya Lakshmi	“ An Efficient Intrusion Detection System for Identification from Suspicious URLs using Data Mining Algorithms”, IJBDM, Vol.12, Issue.2, 2017
2	Mrs. A.V.L Prasuna	“Detecting the Connate Data Using Deduplication for Large Scale” , International Journal of Applied Research in Science and Engineering (E-ISSN: 2456-124x), Vol. 2, Issue.5, Sep. 2017.
3	Mr. G. Kasi Reddy	“Labeling Behavior and Agglomeration in Peer - to -Peer Network using Differential Gossip Algorithm”, International Journal of Applied Research in Science and Engineering (E-ISSN: 2456-124x), Vol. 2, Issue.5, Sep. 2017.
4	Dr. V. Ramesh	<p>“Energy Efficient Clustering Scheme (EECS) With Secure Data Aggregation for Mobile Wireless Sensor Networks”, International Journal of Electrical, Electronics & Computer Science Engineering, Volume 4, Issue 5, 2017. (UGC Approved Journal).</p> <p>“Effective Data Transfer Technique in Cluster Based Wireless Sensor Network.”, International Journal of Electrical, Electronics & Computer Science Engineering, Volume 4, Issue 5, 2017. (UGC Approved Journal).</p> <p>“Image Retrieval Using Hash Code and Relevance Feedback Technique.”, International Journal of Electrical, Electronics & Computer Science Engineering, Volume 4, Issue 5, 2017. (UGC Approved Journal).</p> <p>“Enhancing Performance of Text Documents Clustering using Side Information with Fuzzy Logic”, International Journal of Electrical, Electronics & Computer Science Engineering, Volume 4, Issue 5, 2017. (UGC Approved Journal).</p> <p>“Energy Efficient Ad-hoc on-demand Distance Vector Routing protocol”, Journal of Network Communications and Emerging Technologies, Volume 7, Issue 10, 2017. (UGC Approved Journal).</p> <p>“Fuzzy Logic Scheme for Energy Efficient Routing in AOMDV for Wireless Sensor Networks”, Journal of Network Communications and Emerging Technologies, Volume 7, Issue 10, 2017. (UGC Approved Journal).</p> <p>“Enhanced Reactive Location Service for Packet Delivery in Vehicular Ad-Hoc Networks”, International Journal of Engineering and Technology (IJET), Vol.9, Issue 4, 2017.</p>
5	Mrs. P. Maitreyi	“Design of Binary Spray and wait Protocol for Intermittently Connected Mobile Networks” IEEE Explore, 2 nd March, 2017.
6	Mr. D. Vijay Kumar	<p>“Cloud Computing: Governance, Risk Management and Audit of IT Services”, Journal of Network Communications and Engineering Technologies, Vol.7, issue.12, ISSN: 2395-5317. (UGC Approved Journal)</p> <p>“Cloud Computing : Security Issues and Research Challenges”, Journal of Network Communications and Engineering Technologies, Vol.7, issue.7, ISSN: 2395-5317. (UGC Approved Journal)</p>
7	Mrs. N. Sree Divya	“Enhanced Reactive Location Service for Packet Delivery in Vehicular Ad-Hoc Networks”, International Journal of Engineering and Technology (IJET), Vol.9, Issue 4, 2017. (UGC Approved Journal)
8	Ms. Ch. Lakshmi Kumari	“Short Text Summarization Extraction Using Concise Interface” , International Journal of Applied Research in Science and Engineering (E-ISSN: 2456-124x), Vol. 2, Issue.5, Sep. 2017.

Alumni Meet Photographs(23-12-2017)



Honorable Members of CBES, Principal, Professors



Faculty and Alumni Students of IT Department



Alumni Mr. Anton Putin(01261A1201)



Alumni Mr.G.Jaya Krishna(03261A1209)



Alumni Mr. Abhishek Ganguly(02261A1217)



Alumni Mr. Venkata Nagaraj K(00261A1278)

Alumni Achievements-Details of Alumni attended for Alumni Day(23-12-2017)

SNo	RollNo	Name of the Alumni	Company	Designation
1	97261A1217	Pradeep Kumar Santhapuri	SPK Consultants,Software &IT Consulting	CEO
2	97261A1219	J.Pratap Reddy	Horticulture	MGIT Alumni Advisor
3	97261A1223	G.Raghavendar	Capgemini, SAP &IT	Director
4	97261A1239	T Venkata Bhanu Prasad	Accenture	Manager(AM)
5	98261A1215	Laxman A	Nokia Networks	Program Manager
6	99261A1218	K G Harish Chandra	Movie Acting	Actor
7	99261A1238	Sashi Kanth D	MCKINSEY &CO ,Partner	Management Consultant
8	99591A1259	P.Vikram	Operation Managment,Ektha	Program Manager
9	00261A1212	Chaitanaya U	MGIT,Teaching	Asst.Professor
10	00261A1278	Venkat Nagaraj K	Capgemini,IT	Manager
11	01261A1201	Duraga Prasad A	Cognizant Technologies Solutiosn Pvt. Ltd	Manager
12	01261A1202	Anton Putin	Australia(Local East Anand bagh) Malakagiri,Hyderbad	Software Developer
13	02261A1214	V.Narasimha Reddy	Incov Infrastructure ,Empiral Ven- tures	Director
14	02261A1217	Abhishek Ganguly	XSEED Education Pvt. Ltd	Regional Manager
15	03261A1209	B.Tirupathi Kumar	Vardhaman Engg. College,Teaching	Asst.Professor
16	03261A1219	G Jayakrishna	IDRBT	Research Fellow (CSIR-JRF)Engg
17	03261A1229	Jai Bharath Reddy B	DBS	Senior Associate
18	03261A1236	M Shivaji	En World	Sr. Manager
19	03261A1237	M Suman	Infosys, Autoamtion Testing	Test Analyst
20	03261A1242	N Suman	Bank of America,Software Testing	Team Lead
21	03261A1245	P Sharath Babu	HCL, Software Products	Technial Specialist
22	12261A1229	L Dhanraj Naik	Cognizant	Analyst
23	12261A1246	S Sushma	MODAK,Hadoop(Java)	Software Developer
24	12261A1255	V Sudarshan Reddy	MODAK Analytiscs	Software Developer

Professional Development Programmes attended by Faculty (Orientation/Refresher courses/FDPs/Workshops)

Sl. No.	Name of the Faculty	Name of the course	Place	Date	Duration
1	AVL Prasuna	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
2	G.Kasi Reddy	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
3	G.Kasi Reddy	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
4	Dr. V.Ramesh	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
5	Mrs. P. Maitreyi	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
6	Mrs. P. Maitreyi	UGC Sponsored by Gender Sensitization	JNTUH, Hyderabad	18 th to 23 rd Sep. 2017	1 Week
7	Mrs. P. Maitreyi	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
8	Mrs.U.Chaitanya	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
9	Mrs. U.Chaitanya	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
10	Mr. D.Vijay Kumar	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
11	Mrs.J .Aruna Shanthi	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
12	Mrs.J .Aruna Shanthi	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
13	Mrs. N. Sri Divya	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
14	Mrs. N. Sri Divya	AICTE Sponsored Research Trends in Digital Image & Video Processing	MGIT ,ECE , Hyderabad	4 th to 16 th Dec. 2017	2 Weeks
15	Mrs.J.Hima Bindu	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
16	Mrs.J.Hima Bindu	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
17	Mrs.B.Nanditha	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
18	Mrs. B.Naditha	AICTE Sponsored Research Trends in Digital Image & Video Processing	MGIT ,ECE , Hyderabad	4 th to 16 th Dec. 2017	2 Weeks
19	Mrs. B.Meenakshi	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
20	Mrs. B.Meenakshi	android Developer Fundamentals	Google Developers, Hyderabad	4 th to 8 th Dec. 2017	5 Days
21	Mrs. B.Meenakshi	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
22	Mrs. CH. Lakshmi kumari	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
23	Mrs. CH. Lakshmi kumari	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
24	Mrs. CH. Anupama	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days
25	Mrs. CH. Anupama	Avenues for Technology & Research in IOT	MGIT , Hyderabad	11 th to 16 th Dec. 2017	1 Week
26	Mr. M. Ayyavaraiah	Adoption of Technology in Teaching and Learning	MGIT , Hyderabad	5 th to 6 st July, 2017	2 Days

DETAILS OF ADMISSIONS FOR MASTERS 2016-17

Most of the students of IT Dept have done well and got good scores in GRE, TOFEL, and IELTS exams. And they have applied to universities in USA to do their Masters.

Many of our students are chosen Masters as their next goal in their career. The details of their admission are given in the below.

S. No	HT NO	NAME OF THE STUDENT	UNIVERSITY
1	13261A1209	SUKUMAR BURA	M.S, North Eastern University,
2	13261A1241	Varun Reddy Nanayal	TEXAS AM UNIVERSITY- COMMERCE
3	13261A1223	SANTOSH KUMAR GOLI	UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NY
4	13261A1232	SIMRAN REDDY LENKALA	STATE UNIVERSITY OF NEWYORK, SUNY POLYTECHNIC INSTITUTE
5	13261A1258	SRAVIKA THATI	UNIVERSITY OF HOUSTON
6	13261A1245	P.MOUNIKA	UNIVERSITY OF DAYTON
7	13261A1228	AISHWARYA	Bhavan's Vivekanada College,OU
8	1361A1250	SUSMITHA	GBS School of Business Studies,OU

*Your Attitude
together with
your aptitude
will decide
your altitude*
— Vijay Kumar D

List of Students who have obtained Java Fundamentals Certification

SNO	ROLLNO	Name	Midterm	Final
1	15261A1202	Aishwarya Kotharu	94	88
2	15261A1203	Amingad Revant	90	74
3	15261A1204	Armooth Akhila	84	78
4	15261A1207	Ruchitha Boja	80	68
5	15261A1209	Bellapu Sam Swaroop	70	70
6	15261A1210	Bhuma Harshith	88	64
7	15261A1211	Chakali Srikala	88	64
8	15261A1212	Dharavath Chanti Naik	86	68
9	15261A1213	Doma Ajayteja Reddy	70	76
10	15261A1214	Esther Ethel Silveri	74	76
11	15261A1215	G Rahulrana	76	60
12	15261A1217	Gyara Rajesh Preetham	62	76
13	15261A1219	Jaya Deepshika Dinnapati	80	70
14	15261A1220	Srilaxmi Kamishetty	74	76
15	15261A1221	Kata Ahalya	86	64
16	15261A1223	Koti Arun Sai	60	62
17	15261A1227	Nikhila Mandali	80	82
18	15261A1228	Masade Shashank	68	66
19	15261A1229	Mohammad Anam	82	62
20	15261A1230	Mudavath Bhoomika Chauhan	62	60
21	15261A1232	Navodita Mathur	78	60
22	15261A1235	Nittu Shekar	86	88
23	15261A1236	Anurag Pagidigommula	76	62
24	15261A1237	Pk Aishwarya	78	78
25	15261A1238	Puli Satya Sri	72	70
26	15261A1241	Panyala Navaneeth Reddy	70	68
27	15261A1242	Parusha Chidvilas Yadav	84	80
28	15261A1243	Kalyan Podakondla	82	60
29	15261A1244	Potu Revanth	74	70
30	15261A1246	Sachin V Sirwani	82	88
31	15261A1249	Sirjan Singh Bhatia	88	80
32	15261A1250	Sowmya Thanuku	72	66
33	15261A1251	Tulasi Keerthana	92	84
34	15261A1252	Venankula Divya	78	62
35	15261A1253	Vaddineni Monika	88	90
36	15261A1255	Vedde Lavanya	66	78
37	15261A1256	Velumala Jyothi	76	84
38	15261A1257	Vujini Shravani	76	64
39	15261A1259	Yamsani Harsha Sai	86	74

List of Students who have obtained Java Programming Certification

SNO	ROLLNO	Name	Midterm	Final
1	15261A1201	Achat Harshita Menon	70	60
2	15261A1202	Aishwarya Kotharu	98	84
3	15261A1203	Amingad Revant	87.8	60
4	15261A1204	Armooth Akhila	89.8	84
5	15261A1207	Ruchitha Boja	68	78
6	15261A1209	Bellapu Sam Swaroop	73.5	62
7	15261A1210	Bhuma Harshith	83.7	82
8	15261A1211	Chakali Srikala	67.3	88
9	15261A1212	Dharavath Chanti Naik	64	86
10	15261A1213	Doma Ajayteja Reddy	69.4	86
11	15261A1214	Esther Ethel Silveri	88	76
12	15261A1215	G Rahulrana	75.5	66
13	15261A1217	Gyara Rajesh Preetham	90	76
14	15261A1218	Jannu Abhishek	66	72
15	15261A1219	Jaya Deepshika Dinnapati	87.8	72
16	15261A1220	Srilaxmi Kamishetty	76	90
17	15261A1221	Kata Ahalya	74	74
18	15261A1223	Koti Arun Sai	74	74
19	15261A1227	Nikhila Mandali	82	82
20	15261A1228	Masade Shashank	78	64
21	15261A1229	Mohammad Anam	75.5	76
22	15261A1230	Mudavath Bhoomika Chauhan	82	64
23	15261A1232	Navodita Mathur	84	78
24	15261A1235	Nittu Shekar	76	84
25	15261A1236	Anurag Pagidigommula	70	74
26	15261A1237	Pk Aishwarya	88	64
27	15261A1238	Puli Satya Sri	71.4	70
28	15261A1241	Panyala Navaneeth Reddy	72	72
29	15261A1242	Parusha Chidvilas Yadav	78	82
30	15261A1243	Kalyan Podakondla	80	72
31	15261A1244	Potu Revanth	72	86
32	15261A1246	Sachin V Sirwani	87.8	86
33	15261A1249	Sirjan Singh Bhatia	92	88
34	15261A1250	Sowmya Thanuku	72	78
35	15261A1251	Tulasi Keerthana	74	86
36	15261A1252	Venankula Divya	71.4	72
37	15261A1253	Vaddineni Monika	85.7	88
38	15261A1255	Vedde Lavanya	77.6	64
39	15261A1256	Velumala Jyothi	90	78
40	15261A1257	Vujini Shravani	74	78
41	15261A1258	Yerram Sanjana	62	80
42	15261A1259	Yamsani Harsha Sai	70	72

Sudden Demise of

Vaastushilpi Dr.B.N.Reddy,Ex. Chairmain CBES



Former Chairman, CBES and Miryalaguda MP Baddam Narsimha Reddy, 82, passed away at 4:30 A.M on Monday 5 November 2017 in Apollo Hospital, Banjara Hills in Hyderabad. He was suffering from cancer for some time.

Dr.B.N.Reddy designed and constructed numerous multi storeyed buildings and flats embedding architecture reflecting the science of Vaasthu. He was presented with **UDYOG RATAN** Award and **BHARAT RATNA RAJEEV GANDHI** award in 1995 for his professional contribution. He is instrumental in planning and constructing Janatha flats for weaker sections. Dr. B.N.Reddy is a member of Academic Senate of Osmania University, Hyderabad and **Dr. M G R** University, Chennai. Vaastushilpi Dr. B N Reddy is a natural poet and he wrote many books including B.N.Bhashitalu and Samanyuni Sandesam. He is the Author of much valued manuscript on "Practical Vaastu".

D- Block

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Department Of Information Technology (IT): Established in the year 1997, the department has an annual intake of 60 students. Our department has one Professor, three Associate Professors and twelve Assistant professors including the supporting staff: three programmers and one operator. The department of IT boasts a healthy placement record with companies such as TCS, Dell, Deloitte, Franklin Templeton ,GGK Technologies, Persistent Sys.Ltd ,ADP, AGS Tech.

Forth Coming Events

The Department of IT is planning to conduct Yukti-18 A National Level Technical Symposium in the month of February 2018.



www.mgit.ac.in

Programme Outcomes

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, 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 modelling 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 team work:** 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.

Program Specific Outcomes

- PSO-1: Foundation of Computer System:** Ability to understand the principles and working of computer systems. Students can assess the hardware and software aspects of computer systems.
- PSO-2: Foundations of Software development:** Ability to understand the structure and development methodologies of software systems. Possess professional skills and knowledge of software design process. Familiarity and practical competence with a broad range of programming language and open source platforms.
- PSO-3: Foundation of mathematical concepts:** Ability to apply mathematical methodologies to solve computation task, model real world problem using appropriate data structure and suitable algorithm.
- PSO-4: Applications of Computing and Research Ability:** Ability to use knowledge in various domains to identify research gaps and hence to provide solution to new ideas and innovations