NEWSLETTER November-2019 Volume:9 Issue:1

DiSCUS

Your Information Place

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Fresher's Day

ICCIDE-2019

VIDYA JYOTHI
Institute of Technology
AN AUTONOMOUS INSTITUTION

Accredited by NAAC, NBA, Approved by AICTE and permanently affiliated to Jawaharlal Nehru Technological University Hyderabad.
Aziznagar Gate, Chilkur Balaji Road, Hyderabad-75, Telangana, India. www.vjit.ac.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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Prominent Features:

Accredited by National Board of Accreditation

- **Well qualified and eminent faculty trained on Outcome Based Education.**
- **Six Computer labs with state-of-the-art infrastructure.**
- **Strong Industry Interface with leading companies like Microsoft, Persistence, Rockwell Collins, Quadrium and Virtusa.**
- **Faculty trained and certified by International Society for Engineering Education in collaboration with IUCEE and Microsoft.**

CSE NEWSLETTER

Volume: 09 Issue: 02 JUNE-2020

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INTERNATIONAL CONFERENCE
ON
COMPUTATIONAL INTELLIGENCE AND DATA ENGINEERING (ICCIDE-2019)

The Department of Computer Science and Engineering (CSE) of Vidya Jyothi Institute of Technology has organized an International Conference on "**Computational Intelligence and Data Engineering"** (ICCIDE) - 2019 during 4th – 6th, July 2019. The Conference highlighted on Empowering the knowledge in Applications of Artificial Intelligence. The Keynote speakers were Dr. Deepak Garg, Bennett University, Noida, Dr. Uma Shanker Subramaniam, Prince Sultan University Saudi Arabia, Dr. C Krishna Mohan, Professor IITH, Dr. Raghu Reddy, IITH, Ripul Ranjan Mishra Sr. Technology Architect, Infosys .The Chief Guest- Dr. Krishna Vedula, Founder & Executive Director, IUCEE. Guest of Honors – Dr. Deepak Garg , Research Dean , Bennet University and Dr. Uma Shankhar, Professor, Princeton University Patron- Dr. P. Venu Gopal Reddy, Director, VJIT, Patron-Dr. A.Padmaja, Principal, VJIT, Conference Chair-Dr. B.Vijayakumar, Prof & HOD-CSE and Conference Convener Dr. D .Aruna Kumari inaugurated ICCIDE- 2019 by lighting a lamp.

VIRTUSA Center of Excellence @ VJIT

Inauguration
of
Virtusa
Center of Excellence (CoE)
On
Specialized Testing

4th July 2019.

The leading technology giant VIRTUSA launched center of excellence @ VJIT

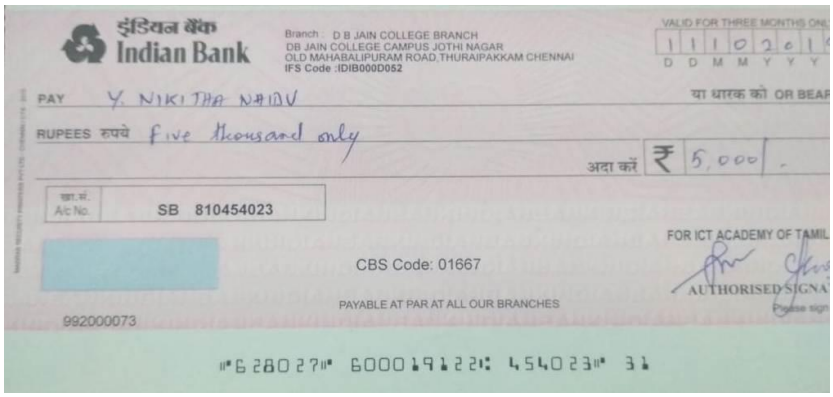
The ***Specialized testing*** Center of Excellence at VJIT, aims to hone, engage and incubate talent to bridge the Academia –Industry requirements. This would provide the students with an opportunity to be trained on additional technologies to be industry ready while still being at the campus with the benefit of industry certifications paving their way to success.

The dignitaries who graced the event were Mrs. Neelima, Secretary VJIT, Dr. P Venugopal Reddy, Director VJIT, Dr. A Padmaja, Principal, VJIT Dr. B Vijayakumar Professor & Head of the Department CSE, Chief Guest Dr. Deepak Garg, Professor Bennett University, Mr. Balaji Srinivasan, Senior Vice President & Global Head at Virtusa, Mr. S Krithivasan, Associate Manager & Head India Campus Hiring at Virtusa., and other team members from Virtusa,

FACULTY ACHIEVEMENTS

Research Grant of Rs. 275000	
1	Dr. K Ramesh Babu, Professor in CSE Dept. Project proposal **"Design and Development of Routing Protocols for Cognitive Wireless Sensor Networks Using Neural Networks"** selected under collaborative research scheme **TEQIP-III** at JNTUH, with a Research Grant of **Rs: 2, 75,000**.
Best Teacher award	
2	**D.Aruna Kumari,** Professor in CSE Dept had received Best Teacher award on 5th September 2019,on the occasion of Teachers Day celebrations at VJIT

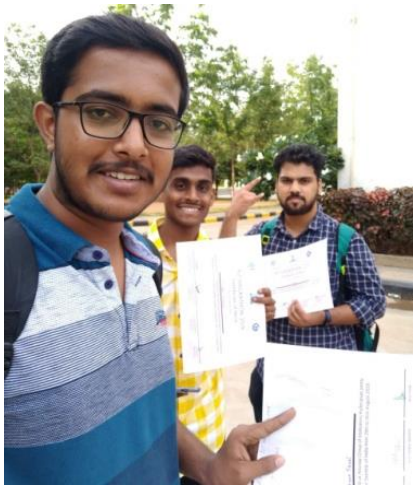
STUDENTS' ACHIEVEMENTS



27th September 2019

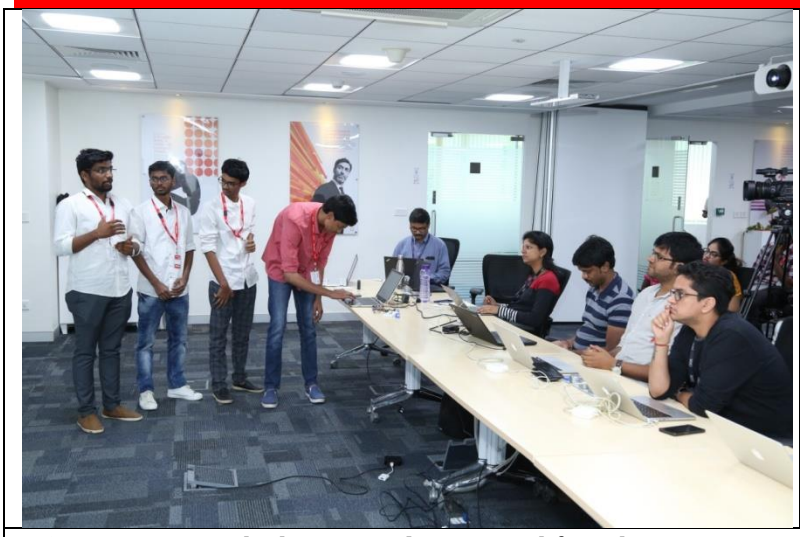
Y Nikitha Naidu, of II B.Tech CSE has secured first Runner-up (Rs. 5000 cash prize) in Kalam Book Summery Writing Contest 2019. An initiative of **ICT** academy and **Prime** Academy with the aim of helping students inculcate book reading habit and showcase their writing skills. The winners has been awarded at ICT Academy Youth Leadership Summit 2019, Coimbatore.

M.Jitin Krishna
III B.Tech CSE has attended
2-Day Google's "**Explore ML**"
Program On 14th -15th September 2019.



Sameer Desai, Chetan, Sunil and Bharath
of III year B.Tech CSE, Winner of
"IoT HACKATHON 2019"
at AGI, Hyderabad during
29th -31st August 2019.
IBM UI Design Challenge Winners

IBM HACKATHON WINNERS



Winners:IBM Hackathon Bangalorr Mr. Ashfaq Khaja, Mr.G Vamshi Krishna, Vinay Kumar Reddy , Sai Yuva Teja

Let's congratulate the CSE students Ashwaq, Vamshi, Vinay of IV year and Yuva Teja of II year who got **Best UI** award Google home worth Rs 35000* and paid a six months Internship. Ashwaq, Vamsi, Vinay and Yuva Teja of the CSE Department proved the power of "WE" by teaming up to make it to the top 8 teams in the IBMHACK Challenge, 2019. IBMHACK had two rounds, in the first round the team identified a problem and submitted a unique solution, in the second round held at IBM main office Bangalore they pitched their solution and were rewarded with Google Home worth **Rs. 35,000/-** for each one of the team members along with an six months Internship opportunity.

For more details click:

https://www.ibm.com/in-en/university/academia-programs/events/ibm-hack-challenge/?parent=events

STUDENTS' PUBLICATIONS

1. "Enimo-Energy Conservation System" by M SriTeja, Ashfaq Nisar, K Vinay Kumar Reddy, G Vamshi Krishna in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019.

2. "Automatic Parallel Car Parking System using Sensors and Arduino UNO" by Sahil Ramwal , Siddhartha Ghosh in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019.

3. "Analysis of Agricultural Data For Maximum Benefit of Farmer" by Fatima Begum , Azra Amreen, Dr. Siddhartha Ghosh in The International journal of analytical and experimental modal analysis Volume XI, Issue IX, September-2019 ISSN NO: 0886-9367.

NPTEL CERTIFICATION 2019

Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

BIJJALA NIKHITHA

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **61** %

Online Assignments	21.88/25	Programming Exam	18.75/25	Proctored Exam	20/50

Total number of candidates certified in this course: **2747**

Prof. Devendra Jalihal, Chairman, Centre for Continuing Education, IITM

Jul-Sep 2019 (8 week course)

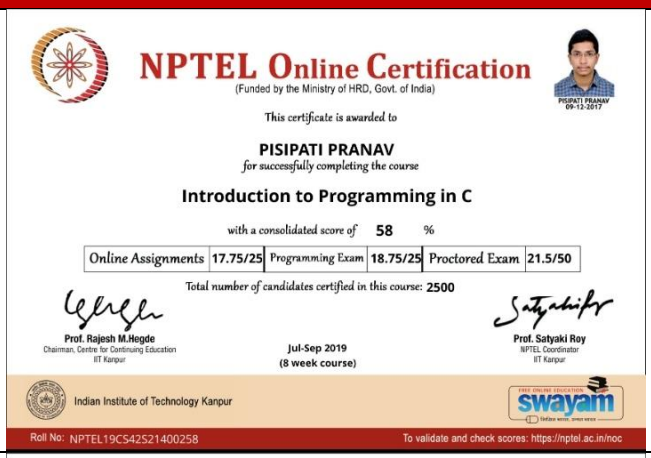
Prof. Andrew Thangaraj, NPTEL Coordinator, IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS40S21400225

To validate and check scores: https://nptel.ac.in/noc



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

PISIPATI PRANAV

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **58** %

Online Assignments	17.75/25	Programming Exam	18.75/25	Proctored Exam	21.5/50

Total number of candidates certified in this course: **2500**

Prof. Rajesh M.Hegde, Chairman, Centre for Continuing Education, IIT Kanpur

Jul-Sep 2019 (8 week course)

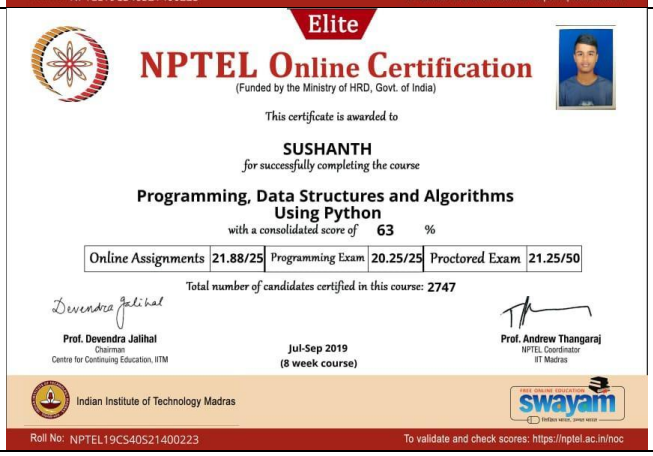
Prof. Satyaki Roy, NPTEL Coordinator, IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL19CS42S21400258

To validate and check scores: https://nptel.ac.in/noc



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

SUSHANTH

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **63** %

Online Assignments	21.88/25	Programming Exam	20.25/25	Proctored Exam	21.25/50

Total number of candidates certified in this course: **2747**

Prof. Devendra Jalihal, Chairman, Centre for Continuing Education, IITM

Jul-Sep 2019 (8 week course)

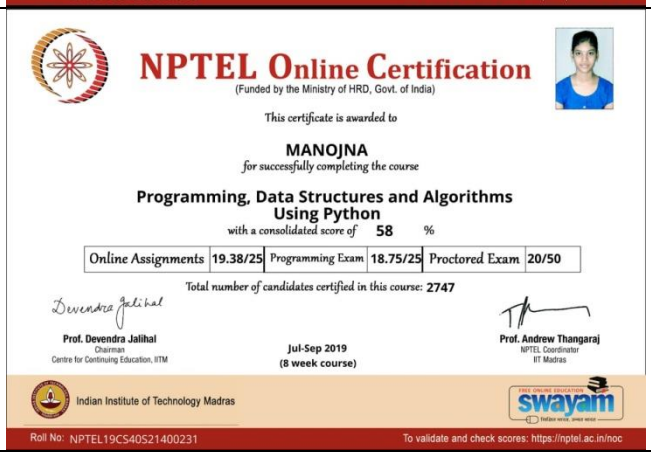
Prof. Andrew Thangaraj, NPTEL Coordinator, IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS40S21400223

To validate and check scores: https://nptel.ac.in/noc



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

MANOJNA

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **58** %

Online Assignments	19.38/25	Programming Exam	18.75/25	Proctored Exam	20/50

Total number of candidates certified in this course: **2747**

Prof. Devendra Jalihal, Chairman, Centre for Continuing Education, IITM

Jul-Sep 2019 (8 week course)

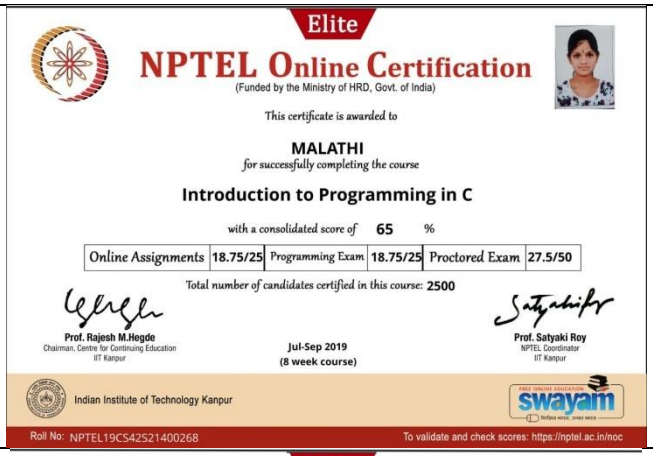
Prof. Andrew Thangaraj, NPTEL Coordinator, IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS40S21400231

To validate and check scores: https://nptel.ac.in/noc



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

MALATHI

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **65** %

Online Assignments	18.75/25	Programming Exam	18.75/25	Proctored Exam	27.5/50

Total number of candidates certified in this course: **2500**

Prof. Rajesh M.Hegde, Chairman, Centre for Continuing Education, IIT Kanpur

Jul-Sep 2019 (8 week course)

Prof. Satyaki Roy, NPTEL Coordinator, IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL19CS42S21400268

To validate and check scores: https://nptel.ac.in/noc

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

PRIYANKA TIWARI

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **52** %

Online Assignments	13.25/25	Programming Exam	18.75/25	Proctored Exam	20/50

Total number of candidates certified in this course: **2500**

Prof. Rajesh M.Hegde, Chairman, Centre for Continuing Education, IIT Kanpur

Jul-Sep 2019 (8 week course)

Prof. Satyaki Roy, NPTEL Coordinator, IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL19CS42S21400180

To validate and check scores: https://nptel.ac.in/noc

Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

TUTIKA NAGA SAI SIVANI

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **89** %

Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	39/50

Total number of candidates certified in this course: **8505**

Prof. Devendra Jalihal, Chairman, Centre for Continuing Education, IITM

Jul-Oct 2019 (12 week course)

Prof. Andrew Thangaraj, NPTEL Coordinator, IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS41S51471292

To validate and check scores: https://nptel.ac.in/noc

Below students Succesfully completed the NPTEL course

1. **Bijjala Nikhitha**
2. **Pusapati Pranav**
3. **Sushanth**
4. **Manojna**
5. **Malathi**
6. **Priyanka Tiwari**
7. **Tutika naga sai sivani**

DEPARTMENT EVENTS FOR STUDENTS

GUEST LECTURE ON "JUST-IN TIME"

Departments of CSE and IT under ISTE chapter has conducted a very educative Guest lecture on 3rd October, 2019 on "Just-In Time" (JIT) Inventory System a management Strategy that aligns Raw-Material orders from suppliers directly with production schedules.

Mr. P. M. Balaji, has been the Resource Person who emphasized on how the Faculty and Student community can utilize the resources and time in the aspects of project development. He highlighted on how Companies employ this inventory strategy to increase efficiency and decrease waste by receiving goods, as required for the production process, which reduces inventory costs.

Resource Person: Mr. P. M. Balaji, Associate Vice President, Toshiba Company, Tokyo

Studied Bachelor of Engineering in Mechanical Engineering-1993

Dr. Babasaheb Ambedkar Marathwada University Maharashtra

Ashfaq Khaja, Vamshi Krishna, Vinay Kumar

1. Smart India Hackathon (SIH)-Runner up
2. Participated in innovators challenge
3. Won the project expo-VJIT

FRESHERS DAY-20919 CELEBRATION

The Colorful Showcase
of
students activities
On the occasion
of

FRESHERS DAY-2019

Freshers Day-2019 was celebrated on **2019**, which marked a memorable **day** in the life of every fresher at VJIT. The **Fresher's day-a colorful showcase** was filled with excitement, joy, music, enthusiasm, laughter and happiness. The senior students have made all the arrangements for the successful conduct of the programme. The programme was inaugurated by ceremonially lighting of the lamp by Dr. P Venugopal Reddy, Dr. A Padmaja, and Dr. B Vijayakumar. There were several entertainment performances by the freshers.

CENTRAL EVENTS

GRADUATION DAY-2019

17th Graduation Day-2019 on 13th July 2019

విశాఖపట్నం | ఆదివారం | జూలై | 14 | 2019 సాక్షి

క్రమశిక్షణతో లక్ష్య సాధన సులువు

- విద్యా శాఖ రాష్ట్ర కార్యదర్శి జనార్దన్‌రెడ్డి
- సందడిగా విద్యాజ్యోతి ఇంజనీరింగ్ కళాశాల గ్రాడ్యుయేషన్ డే

విద్యార్థికి మెడల్ అందిస్తున్న కార్యదర్శి జనార్దన్‌రెడ్డి, ఎమ్మెల్సీ రాజేశ్వర్‌రెడ్డి

మొయినాబాద్ రూరల్: ఎంచుకున్న లక్ష్యంపై ఏకాగ్రతతో క్రమశిక్షణగా సాధన చేస్తే సులువుగా

Graduation Day-2019 was organized with great fervor on the VJIT campus on 13 July, 2019. Dr. P Rajeshwar Reddy, Secretary VJES, Dr. P. Venugopal Reddy, Director, Dr. A. Padmaja, Principal, Convener, Dr. V.V. Satyanarayana, Sr. Administration Officer Mr. Venkata chalam and other ace members of VJIT hosted the ceremony inviting Dr. B. Janardhan Reddy, Secretary, Education Dept, Telangana as the Chief Guest of the event and Mr. Lokesh Nath, Founder DiSRuPPt Thinking and TEDx Speaker as Guest of Honour. Chief Guest Dr. B. Janardhan Reddy inaugurated the programme. He insisted the students on not just being confined to jobs, but on evolving as dynamic entrepreneurs on par with the societal and global demands. On this special occasion, Dr. Palla Rajeshwar Reddy, Correspondent & Secretary articulated that VJIT has been relentlessly striving on maintaining and offering quality education to its students, keeping in phase with the emerging technologies and current market demands. Dr. P. Venugopal Redddy, Director and Dr. A. Padmaja, Principal commended the students and parents on this incredible moment and attributed the success to the common goal that the students and the management have been working on together. The Guests felicitated the institution topper with Late Sri P. Raghava Reddy Memorial Gold Medal, honoured the department toppers with Cash Awards and presented the successful students with Graduation Certificates. The programme ended with gleaming and satiating faces of the prized graduates and their families. VJIT is inordinately proud of the future global leaders!

YOGA DAY-2019

YOGA DAY-2019

21st JUNE, 2019

Vidya Jyothi Institute of Technology has taken a lead to organize a YOGA session in the campus. With the encouragement of our Director Dr. P. Venugopal Reddy, and a sincere effort of our NSS Team, Mr. M. Gangadhar, a Yoga guru was invited to create awareness of yoga and to motivate the students and staff to practice yoga exercises to boost up physical fitness, mitigate mental stress and realize the spiritual core, which are quintessential for today's generation.

NAAC New Pattern Awareness Workshop

"NAAC New Pattern Awareness Workshop" was conducted on 17th October, 2019 by the VJIT-IQAC. The workshop was attended by the HODs and faculty of all departments.

Resource Person: Professor V. Venkaiah, former Vice Chancellor Of Krishna University, Andhra Pradesh. NAAC and step by step process in the qualitative and quantitative attainments with focus on objectives and policies for quality sustenance in alignment with the Vision and Mission of the institution.

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

VISION

To produce the globally competent professionals in the field of Computer Science & Engineering.

MISSION

M1: To provide state-of-the-art facilities in Computer Science and Engineering, through innovative teaching learning practices

M2: To promote research and development in the frontier areas of Computer Science and Engineering and to work in interdisciplinary fields

M3: To enrich students with discipline and high integrity to serve the society and to inculcate the spirit of ethical values and leadership abilities

M4: To establish a collaborative environment between Industry and Academia

OUTCOME BASED EDUCATION

Programme Educational Objectives (PEOs):

PEO1: Enhance the employability of the graduates in Software industries/Public sector/Research organizations.

PEO2: Acquire analytical and computational abilities to pursue higher studies for professional growth.

PEO3: Work in multidisciplinary project teams with effective communication skills and leadership qualities.

PEO4: Develop professional ethics among the students and promote entrepreneurial abilities.

Programme Specific Outcome (PSOs):

PSO1: The ability to design and develop Algorithms to provide optimized solutions for societal needs.

PSO2: Apply standard approaches and practices in Software Project Development through trending technologies.

Programme Outcomes (POs):

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 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.

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Congratulations VJITians!!!

VIDYA JYOTHI
INSTITUTE OF TECHNOLOGY

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CSE | IT | ECE | EEE | MECH

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UGC Autonomous

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Accredited by NAAC

Accredited by NBA-New Delhi

Edited & Compiled By

Abdul Majeed,
Assistant Professor
Computer Science & Engineering
Vidya Jyothi Institute of Technology