



PVPSIT NEWS

A Half Yearly News Letter

Department of Information Technology

PVP Siddhartha Institute of Technology

(Sponsored by Siddhartha Academy of General and Technical Education)

NBA Accredited and ISO 9001: 2008 certified Institution

Kanuru, Vijayawada- 520 007

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GUEST LECTURES/WORKSHOPS CONDUCTED BY THE DEPARTMENT

- i. Guest Lecture on "GATE Awareness Program" by Ms.G.Navatha for all III B.Tech students on 05.07.2018 in association with ISTE chapter and Pranav Academy.
- ii. A Guest Lecture on "Software Environment Tools- Career Advancements in IT Sector and Opportunities in Cloud Computing" was conducted on 07.07.2018 by IT Department Alumni Mr. P.V.Naveen Kumar, System Engineer, TCS, Hyderabad to III B.Tech students.
- iii. Guest Lecture on "Applications of Programming Languages in Academics and Industries" under CSI Student Chapter, PVPSIT on 18.07.2018 to II B.Tech Students. Resource person is Mr.K.V.Krishna Rao, Research Scholar in IIT Varanasi and former teaching assistant from IIT Madras.
- iv. A Seminar was conducted on "Life Changing Motivational Seminar", motivational speaker Mr.M.Ch.Srinivas Vijayawada addressed the IT Students on 04.08.2018.
- v. A Guest lecture was conducted on "Higher Studies Opportunities in Germany". Mr.Micha Buhrlé, Automobile Design Engineer, University of Nations Germany addressed the IT Students on 06.08.2018.
- vi. A Guest lecture on "Classic Data Structures" delivered by the resource person Dr.Babu Reddy, Department of CSE, Krishna University to II B.Tech IT students on 14.08.2018.
- vii. A Guest Lecture is conducted on "An Awareness on Amazon Web Services" by alumni Mr.K.Prem Sai Reddy, System Engineer, TCS, Hyderabad, and Mr.Ch.Vamsi Krishna, System Engineer, TCS, Hyderabad to the III B.Tech IT Students on 25.08.2018.
- viii. A Guest Lecture on "Modern Entrepreneur through Innovative Ideas" to I, II & III B.Tech students of IT on 20.09.2018. Resource person is Dr.K.Pavan, CEO, Pavan Empower Solutions, Palamaner, Chittoor Dist, A.P.
- ix. Two day Workshop on "Amazon Web Services" to all III B.Tech IT students from 28.09.2018 to 29.09.2018. Resource Persons are Mr.Ch.Vamsi Krishna, System Engineer, TCS, Hyderabad, and Mr.P.Kiran Kumar, Software Engineer, TCS, Hyderabad. Co-ordinators: Dr PVS Lakshmi Professor, Mr.T.D.Ravi Kiran and Mr.L.Ravi Kumar Asst. Professor.

Quotation:



To give real service, you must add something which cannot be bought or measured with money.
— Mokshagundam Visvesvarayya

Bharat Rathna
Sir MOKSHAGUNDAM VISVESVARAYA
1860-1962

Happy Engineers' Day

- x. Two Day Faculty Development Program on “Data Science & its Applications” was conducted on 28th and 29th September 2018. Resource persons are Mr.Vamsi Mohan Bhandaru, Lead data scientist, Optum Global Solutions, Hyderabad, and Mr.Krishna Mohan Nandiraju, Lead Data Scientist, Optum Global Solutions, Hyderabad. Coordinators are: Dr J Rajendra Prasad, Mr.K Pavan Kumar and Mrs.G Reshma.
- xi. Department of IT conducted a guest lecture on “Higher Studies and Core Jobs” for III B.Tech IT Students on 21.11.2018 and invited resource person is Mr. Sai Prasad, Time Institute, Hyderabad.
- xii. A Guest lecture Conducted on “Career Opportunities in Abroad” and the resource person is Ms.Kanagala Anusha, System Analyst Engineer Motorola Call Works, USA on 14.12.2018.
- xiii. Department of IT conducted “Brain Storming Sessions” for II B.Tech Students on 19.12.2018 and 21.12.2018 in association with ISTE Student chapter.

PAPERS PUBLISHED BY STAFF

- i. Ms.J.Sirisha Asst.Professor, published a paper in Scopus Indexed journal JARDCS (Journal of Advanced Research in Dynamical & Control Systems) on “An Ontology Based Knowledge Management System For Cancer Disease” with ISSN 1943-023X, Vol.10, 09-special issue-2018.
- ii. Mr.R.Vijaya Kumar Reddy Asst.Professor published a paper in Scopus Indexed journal (Open Access), IJASEIT on “Efficient Handwritten Digit Classification Using Uses Defined Classification Algorithm” Vol.8, and No.3 with ISSN: 2088-5334.
- iii. Mrs.Y.Padma, Mr.P.RaviPrakash and Mrs.D.Kavitha, Asst.Professors published a paper in Thomson Reuter’s indexed journal, Global Journal of Engineering Science and Researches (GJESR) on “Mining Specific Content Search Using Clustering Algorithm” with ISSN 2348-8034, Impact Factor-5.070.
- iv. Dr.A.Haritha Asst.Professor and Dr.PVS Lakshmi Professor published a paper with the title “Enhancing Women Commute pattern with IOT Enabled Transit in IJARCE, Vol.6, Issue.3.
- v. Dr.J.Rajendra Prasad, Professor, published a paper in International Journal of Knowledge- based and Intelligent Engineering Systems entitled “ CCEE: Clustering with Chicken Swarm Based Energy Efficient Algorithm with APUGR Protocol for Mobility Awareness and Energy Saving in Ad-hoc Network”, With ISSN 1327-2314/18.
- vi. Mrs.G.Reshma Asst.Professor published a paper in International Journal of Engineering Technology (UAE) entitled “Study on Forecasting Road Transport Using Regression Techniques“ DOI: 10.14419/iTet.V7i3.18.14099 on 02.08.2018. Vol.7, No: 3.18(2018) Issue 18.
- vii. Mrs.G.Lakshmi published a paper on “An Integrated Maximized Probabilistic and Gaussian based Thresh holding Method and Segmentation Technique for Shrimp White Spot Disease Detection” in IJPAM Volume: 120, issue.6,October, 2018, in SCOPUS & UGC approved Journal.
- viii. Mr.K.Pavan Kumar published a paper entitled “Feature Selection Using Approximation Neighbourhood strategy Using LU Fractionation” in IJRECE (UGC approved Journal). Volume: 6, issue 4, October, 2018.
- ix. Mrs.Y.Padma published a paper titled “Machine Learning Algorithms for Spam Detection in Social Networks” in a scopus indexed journal IJET, Vol 7(3.24) special Issue,December, 2018.
- x. Mrs.D.Leela Dharani, Mrs.K.Swarupa Rani and Mr.P.Ravi Prakash published a paper titled “High Topic Discovery in Social Media using Enhanced Data Filtering Technique” in UGC approved Journal IJRECE, Vol.6, issue-4, October, 2018.

- xi. Mrs.K.Swarupa Rani, Mrs.D.Leela Dharani and Mr.P.Ravi Prakash published a paper on “Emotion Detection in Social Networking Sites Data” in UGC approved Journal IJRECE, Vol.6, issue-4, October, 2018.
- xii. Mr.K.Pavan Kumar published a paper on “Denoising the Noisy Image by Using Histogram Filter” in Journal of Applied Science and Computations, UGC approved journal, vol.5, issue-XI, November 2018.
- xiii. Mr.K.Pavan Kumar, published a paper entitled “Feature selection Using Approximation Neighbourhood strategy using LU Factorization and DWT” in International journal of Research, UGC approved journal, vol.7, issue-XI, November 2018.
- xiv. Dr.B.V.Subba Rao and J.Sirisha published a paper entitled “An Innovative Life Measuring Application using IOT Technology” in IJCSE, UGC approved Journal 23472693, Volume: 6, issue 11, page no.790-791, December 2018.
- xv. Mr.M.Sundarababu and Mr.T.D.Ravi Kiran published a paper on “Survey on Security Issue in Fog computing for IOT Environment” in JETIR, UGC approved Journal, Volume: 5 issue 2, page no.699-702 December 2018.

SEMINAR/CONFERENCE/WORKSHOPS ATTENDED BY STAFF

- i. Twenty faculty members attended two day Faculty Development Program on “Data Science & its Applications” was conducted on 28th and 29th September 2018.
- ii. Dr J. Rajendra Prasad, Dr P.V.S. Lakshmi, Dr A.Haritha, Mrs. D.Kavitha, Mr.G.Venugopal, Mr.M.Sundarababu, Mr.T.D.RaviKiran, Mr.R.VijayKumarReddy, Mr.K.PavanKumar, Mr.Y.Suresh, Mr.K.PrudviRaju, Mrs.J.Sirisha, Mrs.Y.Padma, Ms.K.SriVijaya, Mrs.M.Sowjanya attended a guest lecture “Self motivation towards R&D activities” on 06.10.2018 by Prof. P.Trimurthy organised by department of CSE in ground floor seminar hall.
- iii. Mr.T.D.RaviKiran attended one day seminar on “Digitization vs Digital Based Analysis” in Collaboration with TCS under AICTE Margdarshi on 31st October 2018 organized by department of CSE,VRSEC, Kanuru, Vijayawada.
- iv. Mrs.D.Leela Dharani attended one week faculty development program on “Data Sciences” under AICTE Margdarshan in collaboration with TCS held during 12th to 16th November 2018 organized by the department of CSE, VRSEC, Vijayawada.
- v. Mr.G.Venugopal attended a two day FDP on “Deep Learning & its applications” at Narasaraopet Engineering College, Narasaraopet from 23.11.18 to 24.11.18.
- vi. Dr.P.V.S.Lakshmi attended a six week webinar on “Engineering Education Research” (IUCEE-APSSDC course) from 9th October to 27th November 2018.
- vii. Mr.G.Venugopal attended an orientation program on “IPR & PATENTS” by Hima, MD at ground floor Seminar hall, PVPSIT on 24.11.2018.
- viii. Dr.A.Haritha, Mr.G.Venugopal, Mrs.D.LeelaDharani, Mrs.K.SwarupaRani, Mrs.G.Lakshmi, Mrs.G.Reshma, Mr.P.RaviPrakash, Mrs.J.Sirisha, Mr.M Sundarababu, Mr.S.SaiKumer attended one week STTP on “Introduction to Network Security” organized by NITTTR, Kolkata ,conducted by Department of IT at PVPSIT from 3.12.2018 to 7.12.2018.
- ix. Mrs.G.Reshma attended 6thInternational conference on Big Data Analytics (BDA-2018) at NIT Warangal from 18th-21st December, 2018.

FACULTY ACHIEVEMENTS

- i. Dr.P.V.S.Lakshmi, Professor received the Best Teacher award for the A.Y 2017-18.
- ii. Mr. K. Prudhvi, Asst professor received the Best Teacher award for the A.Y 2017-18.
- iii. Mrs.D.Kavitha has been awarded Ph.D in Computer Science and Engineering from JNTUK, December, 2018.
- iv. Mr.M.Sundarababu, Asst.Professor qualified in UGC NET-2018.
- v. Mrs.D.Kavitha successfully completed and achieved Topper 5% in NPTEL online Certification course in “Introduction to C Programming” with a score of 83%.
- vi. Dr.A.Haritha successfully completed NPTEL online certification course in “R Programming” with a consolidated score of 86% in July-October 2018 phase.
- vii. MrsG.Lakshmi successfully completed NPTEL online certification course in “R Programming” with a consolidated score of 66% in July-October 2018 phase.
- viii. Mr K.Pavan Kumar successfully completed NPTEL online certification course in “DBMS Programming” with a consolidated score of 63% in July-October 2018 phase.
- ix. Dr.A. Haritha Associate Professor acted as a reviewer for KES Journal (a Scopus Indexed Journal).
- x. Mrs.J.Sirisha successfully completed NPTEL online Certification course in “Programming C++” with a consolidated score of 73% in July-October 2018 phase.
- xi. Mrs.G.Reshma, Mrs.K.SwarupaRani and Mrs.D.LeelaDharani successfully completed NPTEL online Certification course in “Introduction to Machine Learning”.
- xii. Mr.R.Vijay Kumar Reddy successfully completed NPTEL online Certification course in “Deep Learning”, July –October 2018 Phase.
- xiii. Mrs.Y.Padma successfully completed NPTEL online Certification course in “Design and Analysis of Algorithms” in July-October 2018 phase.
- xiv. Mr.R.Vijay Kumar Reddy acted as a reviewer for EURASIP Journal on Image and video processing an SCI journal –Springer.

SPONSORED R&D AND CONSULTANCY ACTIVITIES

- i. Mr.K.Pavan Kumar, Mr.Y.Suresh filed a patent on “Multilevel Image Water Marking Technique.
- ii. Dr.B.V.Subba Rao Prof & Head obtained permanent patent for his invention “System for determining life span of individuals and a method for the same” Patent filed No: 20174103212 and CBR No: 6585, from Indian intellectual property rights, New Delhi.

FACULTY PARTICIPATION

- i. Dr.P.V.S.Lakshmi attended a program “MAKE in AP” sponsored by Govt. of AP, NASSCOM, idea labs and innovation valley program was on 21st November 2018 conducted at prajavedika in rajadhani.
- ii. Dr.P.V.S Lakshmi, Dr.A.Haritha and Mr.L.Ravi Kumar delivered a talk on “Mobile Apps for digitized diagnosis and its significance in Telemedicine” in a workshop on “Digital Health interventions” at Dr.Pinnamaneni Siddhartha Institute of Medical Sciences on 22nd Dec 2018.

STUDENT ACHIEVEMENTS

- i. K. Bhasitha (14501A1246) got APJ Abdul Kalam Pratibha award given by Govt. of AP in academics in 2018.
- ii. K. Padmaja (14501A1255) got APJ Abdul Kalam Pratibha award given by Govt. of AP in academics in 2018.
- iii. R Sai Vardhani of II IT got III Prize in “Elocution” organized by Brahma kumaris, Vijayawada on July 2018.
- iv. A Swathi of II IT got II prize in ” Drawing & Painting” organized by Athiest centre, Vijayawada on 16.09.2018.
- v. B Kaavya Sri of II IT got I prize in ” Drawing & Painting” organized by Athiest centre, Vijayawada on 16.09.2018.
- vi. G. Likitha of II IT got II Prize in “Technical Quiz” organized by ISTE Student Chapter, Vijayawada on 15.09.2018.
- vii. N Bhanu Prakash II IT got II Prize in “Project ur Ideas” organized by ISTE Student Chapter, Vijayawada on 15.09.2018.
- viii. PLVS Sudheer of II IT got appreciation from AP Cost & Bharateya Vignana Mandali, AP State Council of Science & Technology, in “Technical & Logistic Support” for his valuable service during 30.11.2018 to 03.12.2018.
- ix. TNVDC Bhavana, R Girijaswi of IV IT got I Prize in “Theme Ballet” at Dhanush-2K18 during 14.12.2018 to 15.12.2018.
- x. TNVDC Bhavana, P Sreelekha of IV IT got II Prize in “Poster Presentation” at Lakshya-2K18 on 27.12.2018.
- xi. R Girijaswi, Pm Sreelekha of IV IT got I Prize in “Paper Presentation” at Lakshya-2K18 on 27.12.2018.
- xii. P. Sreelekha of IV IT got I Prize in “Srujana” at Lakshya-2K18 on 27.12.2018.

PRESENTATION/PARTICIPATION IN CONFERENCES/WORKSHOPS

- i. Ten members of III B.Tech CSI students of IT attended three day workshop on “Machine Learning and its Applications” from 27.12.2018 to 29.12.2018 at programming Languages Lab, PVPSIT.
- ii. TNVDC Bhavana, P.Sreelekha IV B.Tech IT won Second Prize in "Poster Presentation" competition in Lakshya-2k18 conducted by Lakireddy Bali Reddy College of Engineering, Vijayawada on 27th December.
- iii. Six CSI Registered students attended a 3 day workshop on “Analytics Using Hadoop and No SQL” conducted by CSI branch from 16.08.2018 to 18.08.2018.

STUDENT INTERNSHIPS

37 students completed their internship at various organizations. Details are furnished in the following table.

S.No	Regd. Number	Name of The Student	Internship company name and address	Dates
1	15501A1255	M GOPI KRISHNA	IGDC GAME DEVELOPMENT(12 ECTS)	01.06.2018 To 27.07.2018

2	15501A1206	ALURU DEVENDRA KUMAR	SUPRAJA TECHNOLOGIES	27.08.2018
3	15501A1237	KAKARLA HIMADEEP		
4	15501A1287	R HEMALATHA	Y-SQUARE BUSINESS INCUBATORS PRESTIGIOUS PVT. LTD	5.11.2018 To 25.02.2019
5	15501A1206	A.SATYA MEGHANA	BR Concepts Pvt.Ltd Vijayawada.	26.11.2018 To 08.12.2018
6	16501A1236	JASTI TEJASWI	RAMSON TECH LABS , VIJAYAWADA.	01.01.2019 to 30.04.2019
7	16501A1219	CHINTAKRINDA CHANDRAMOULI		
8	16501A1230	GANDIKOTA PAVAN SRI SAI		
9	16501A1237	KAKARLA HIMA DEEP		
10	16501A1244	KOTCHERLA TRINADH	AADHYA ANALYTICS GANNAVARAM, VIJAYAWADA.	7.12.2018
11	16501A1201	ABDUL NASEEMA BEGUM		
12	16501A1203	ADI CHANDRA SEKHAR		
13	16501A1204	AKUNURI BHARGAVI SAI		
14	16501A1214	BOYINA ANUSHA		
15	16501A1220	CHINTALAPATI SRI SWATHI MAHALAKSHMI		
16	16501A1222	DARIMADUGU SWARNA DEEPIKA		
17	16501A1223	DASARI ANJANA DEVI		
18	16501A1225	DEVINENI HARI KIRAN		
19	16501A1229	GADDE NARENDRA		
20	16501A1241	KILARU VARUN		
21	16501A1242	KOLAVENNU SRAVYA		
22	16501A1249	MAHENDRA KUMAR SUTHAR		
23	16501A1252	MALLAMPATI LAASYA PRIYA		
24	16501A1261	MULI MADHAVI		
25	16501A1262	MUPPALLA SANTHI		
26	16501A1263	MUPPAVARAPU SAI SRI HARSHA		
27	16501A1264	MUSETTI MURALI LAKSHMI BHANU		
28	16501A1266	NAGA SUBHASHPRANEETH KUKKHAPALLI		
29	16501A1268	NEMALA SAI RACHANA		
30	16501A1270	PADMANABHUNI SRIJA		
31	16501A1275	PINNAKA KOMALI		
32	16501A1280	RAVIPATI HEMANTH		
33	16501A1281	REDROUTHU BHAVITHA		
34	16501A1289	SUNKARA ANUSHA		
35	16501A1292	THOTAKURA PRANEETHA		
36	16501A12A8	VENKATA JASWANTH KADIYALA		
37	16501A12B3	YELINENI INDHU		

STUDENT PLACEMENTS

Students of IV year got 69 placements in july-december 2018 period. Details are presented in the following table.

S.No	Regd Number	Name	Company Name
1	15501A1254	M.PAVAN KUMAR	Valuelabs
2	15501A1254	M.PAVAN KUMAR	TCS-Digital, CODEVITA
3	15501A1262	M.SRAVAN KUMAR	TCS-Codevita
4	15501A1269	TNDVC BAVANA	TCS-Codevita
5	15501A1201	AKKALA. OOHA PRANATHI	CapGemini

6	15501A1203	ALLU ARAVIND	CapGemini
7	15501A1208	KIRAN SAI VARMA BATT	CapGemini
8	15501A1210	BOLLA.TEETHIKA	CapGemini
9	15501A1222	DOKKA JASHWANTH	CapGemini
10	15501A1227	GANGIREDDY ANUSHA	CapGemini
11	15501A1230	GUGGILAM HARSHITHA	CapGemini
12	15501A1232	GUNDAPANENI TANUJA RAMA LAKSHMI	CapGemini
13	15501A1234	GUTTI. VENKATA RANGA NEERAJA	CapGemini
14	15501A1243	KOLLURI HARSHASWINI	CapGemini
15	15501A1245	KONDA RENUKA DURGA NAGA MAHESWARI	CapGemini
16	15501A1255	MAGANTI GOPI KRISHNA	CapGemini
17	15501A1263	MOHAMMED ARSHIYA KOUSAR	CapGemini
18	15501A1268	S. N. S. M. PRANEETHA	CapGemini
19	15501A1273	HARSHA VARDHAN NALLAPATI	CapGemini
20	15501A1275	NIDAMANURI SAI SRIRAM	CapGemini
21	15501A1276	PAMPANA SREELEKHA	CapGemini
22	15501A1288	RESHMA NARRA	CapGemini
23	15501A1291	SHAIK BUSHRA	CapGemini
24	15501A12A0	SRILAKSHMISRAVYAVALLURU	CapGemini
25	15501A12B1	ROSHINI VUKOTI	CapGemini
26	15501A1216	CH NIKHITHA SYAMALA	Mphasis
27	15501A1218	DARSI LAKSHMI NAGA PRAVALLIKA	Mphasis
28	15501A1235	J VENKATA PAVANI KATHYAYANI	Mphasis
29	15501A1271	N.SANTHI	Mphasis
30	15501A1287	R. HEMA LATHA	Mphasis
31	15501A1201	AKKALA OOH PRANATHI	TCS
32	15501A1208	BATTA KIRAN SAI VARMA	TCS
33	15501A1218	CH NIKHITHA SYAMALA	TCS
34	15501A1217	DARSI LAKSHMI NAGA PRAVALLIKA	TCS
35	15501A1227	G ANUSHA	TCS
36	15501A1234	G VENKATA RANGA NEERAJA	TCS
37	15501A1235	J VENKATA PAVANI KATHYAYANI	TCS
38	15501A1237	K MEGHANA CHOWDARY	TCS
39	15501A1243	K HARSHASWINI	TCS
40	15501A1245	K RENUKA DURGA NAGA MAHESWARI	TCS
41	15501A1255	M GOPI KRISHNA	TCS
42	15501A1271	N.SANTHI	TCS

43	15501A1273	N.HARSH VARDHAN	TCS
44	15501A1282	P. LAKSHMI DEEPIKA	TCS
45	15501A1286	R.GIRIJASWI	TCS
46	15501A1287	R. HEMA LATHA	TCS
47	15501A12A0	V.SRI LAKSHMI SRAVYA	TCS
48	15501A12B0	V. SAMBA SIVA RAO	TCS
49	15501A12B1	V. ROSHNI	TCS
50	15501A1207	AYODHYA KOTESWARA CHARAN TEJA	IBeON Infotech Pvt.Ltd
51	15501A1241	K VENKATA NAGA CHOWDARY	IBeON Infotech Pvt.Ltd
52	15501A1253	M LALU KISHORE	IBeON Infotech Pvt.Ltd
53	16505A1201	KANTHETI BALA MANIKANTA KUMAR	IBeON Infotech Pvt.Ltd
54	15501A1261	M. JAHANAVI	IBeON Infotech Pvt.Ltd
55	15501A1264	MOHOMMED ABDUL AZHAR MOYEEN	IBeON Infotech Pvt.Ltd
56	15501A1266	M. SRIKAR	IBeON Infotech Pvt.Ltd
57	15501A1277	P. KIRAN BHAVANA	IBeON Infotech Pvt.Ltd
58	15501A1283	P.LAKSHMI JEEVANA SRAVYA	IBeON Infotech Pvt.Ltd
59	15501A1297	T.LAKSHMI SAI NIKHILA	IBeON Infotech Pvt.Ltd
60	15501A12A1	V.SAI KRISHNA	IBeON Infotech Pvt.Ltd
61	15501A12A4	V.GOPI SAI KRISHNA	IBeON Infotech Pvt.Ltd
62	15501A12A9	V. ROHITH	IBeON Infotech Pvt.Ltd
63	15501A1203	Allu Aravind	INMAR
64	15501A1234	Gutti. Venkata Ranga Neeraja	INMAR
65	15501A1203	Allu Aravind	WIPRO
66	15501A1233	GHD.SURENDRA	WIPRO
67	15501A1248	K VINAY	WIPRO
68	15501A1276	P.SREELEKA	WIPRO
69	15501A1255	Maganti Gopi Krishna	WIPRO

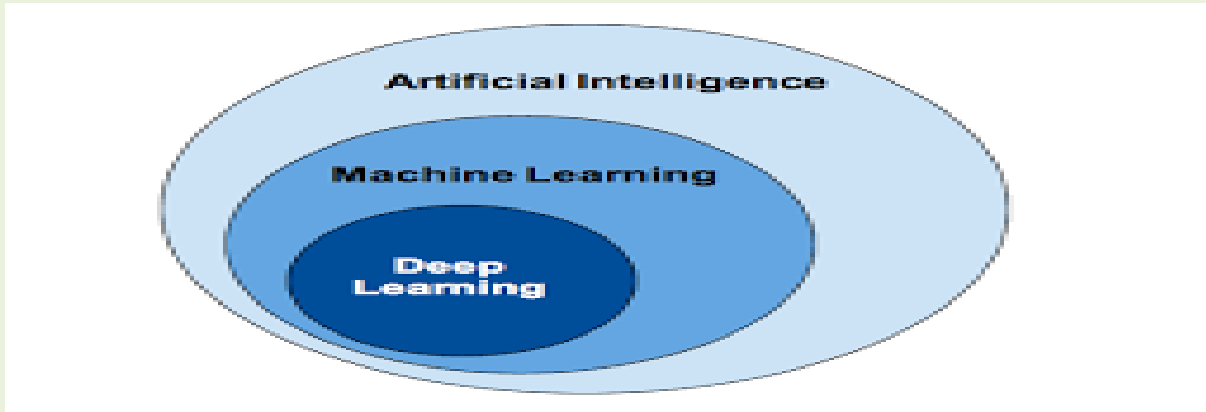
STUDENT CORNER

Machine learning systems

Machine Learning is a branch of artificial intelligence that gives systems the ability to learn automatically and improve themselves from the experience without being explicitly programmed or without the intervention of human. Its main aim is to make computers learn automatically from the experience.

Artificial intelligence, machine learning, and deep learning all seem like fairly similar concepts. More on the point, they seem the same to an untrained eye. A lot of people see them as the same concept because,

in part, they kind of are. Just as nuclear or theoretical physics are parts of physics as a whole, machine learning and deep learning are the branches of a colossal tree that is artificial intelligence.



Requirements of creating good machine learning systems

So what is required for creating such machine learning systems? Following are the things required in creating such machine learning systems:

Data – Input data is required for predicting the output.

Algorithms – Machine Learning is dependent on certain statistical algorithms to determine data patterns.

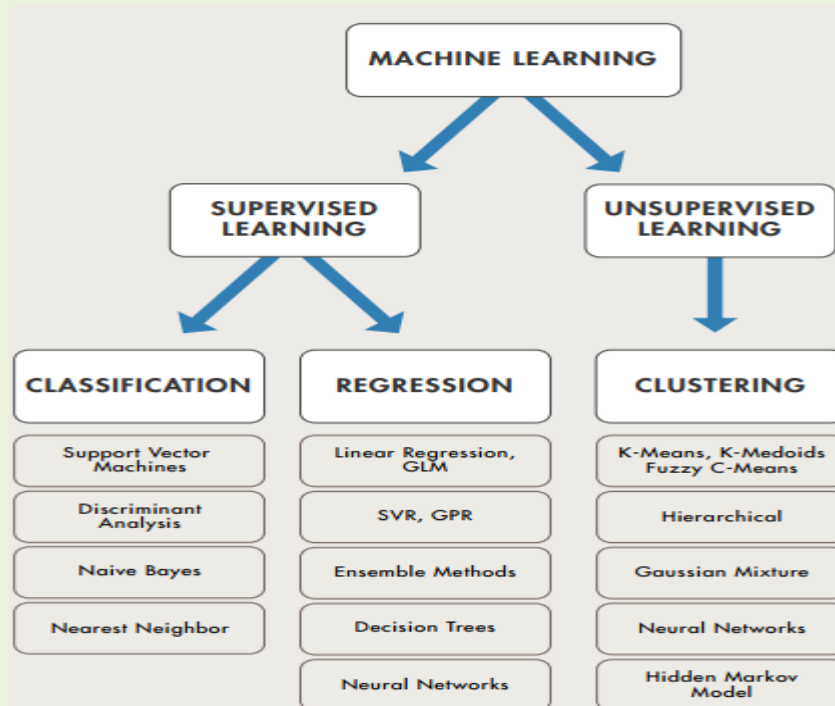
Automation – It is the ability to make systems operate automatically.

Iteration – The complete process is iterative i.e. repetition of process.

Scalability – The capacity of the machine can be increased or decreased in size and scale.

Modeling – The models are created according to the demand by the process of modeling.

Machine Learning methods are classified into certain categories. These are:



Machine learning enables analysis of massive quantities of data. While it generally delivers faster, more accurate results in order to identify profitable opportunities or dangerous risks, it may also require additional time and resources to train it properly. Combining machine learning with AI and cognitive technologies can make it even more effective in processing large volumes of information.

By
Mr.P.Pavan Kumar, Mr.P.Anil

INDUSTRIAL VISITS

An industrial tour conducted for III B.Tech students from 13.12.2018 to 18.12.2018 with 64 students along with 3 faculty members (Mr.T.D.RaviKiran, Mrs.Y.Padma and Mr.S.Sai Kumar). Visited places are Visvesvaraya Technical and Industrial Museum - Bangalore, Infosys Technology Limited -Mysore and Radio astronomy centre – Ooty.

OTHERS

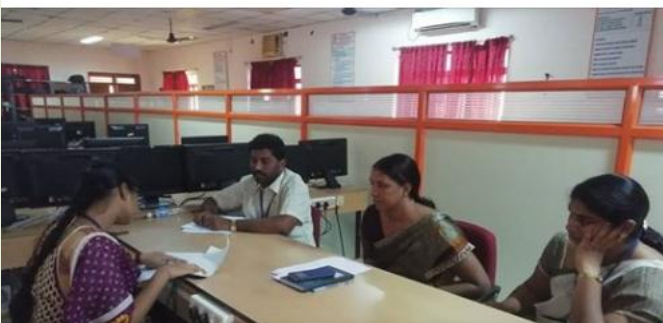
- i. GATE Mock Test conducted for III B Tech Students by INTAEL, Department of IT, PVPSIT on 16th July 2018.
- ii. INTAEL organized “Thought Provoking Quiz” for II year students on 10th July 2018.
- iii. Painting competition was held on 23-7-2018 in Department of IT with theme "Smart India-Future Cities with Sustainable Environment" to II and III B Tech Students, organised by Mrs.G .Reshma and Mr.G. Venu Gopal.
- iv. Certificate based Infosys campus connect Foundation program (Technical -5.0) for batch-VIII was started on 02/07/18 to III B.Tech students from various branches like CSE, IT, ECE & Mechanical.
- v. Department level parent meet was conducted on 18/08/2018 at ground floor seminar hall.
- vi. Teacher’s day celebrations were organized by INTAEL in department of IT, “Mock Teaching Sessions” were conducted by III year students.
- vii. Department of IT celebrated Engineers day on 15-9-2018 in association with INTAEL and ISTE, PVPSIT. As a part of this celebration Technical events such as Poster presentation, Project your Ideas, Tring Tring, Technical quiz and Latest Technology & Review were conducted to all IT students.

Congratulations 🎉

M Pavan Kumar IV Year Section1(15501A1254) secured 89% in Database Management System organised by NPTEL Local Chapter in association with National Wide NPTEL Online Courses from Jan-April 2018.



Mock Interviews Conducted to IV year students by INTEAL, Department of IT, PVPSIT on 29-6-2018.



III B.Tech Section 1 Students Visited Efronics Systems Pvt. Ltd on 30.6.2018, Organised by III&EP Committee, Department of IT, PVPSIT.



Dr. Anusha, T. Swathi, P. Deepika, P. Sravya III B.Tech IT Students Published a Research Article Entitled "A Tableau Tool For An Branding Builds Financial Value Through Your Appearance And Style" in an UGC Approved International Journal IJARCS Volume:9, Issue :1, Jan-Feb 2018 Under guidance of R.Vijaya Kumar Reddy ,Asst.Professor, Department of IT, PVPSIT.



Department of IT, PVPSIT Congratulates Dr PVS Lakshmi, Professor and Mr K Prudvi Raj, Asst. Professor for their excellency in teaching as Best teachers.



Congratulations... 🎉
T. Vyshnavi, S.N.S.M Praneetha, M.Jahnavi, III B.Tech IT Students Published a Research Article Entitled "A Nearby Place Through A Graphical Representation" in an UGC Approved International Journal IJARCS Volume: 8, Issue :9, Nov-Dec 2017 Under guidance of Dr J.Rajendra Prasad, Professor, Department of IT, PVPSIT.



Department of Information Technology of PVPSIT entered into an MOU with Aadhya Analytics, Gannavaram on 10-09-2018.



Congratulations 🎉
III B. Tech IT Students P.Komali and M.Madhavi Participated and secured places in Krishna district Yogasana championship 2018 held on 4-8-2018 at Vijayawada.



Department of IT of PVPSIT conducted parents meet on 18-8-2018 at 10.00 AM in ground floor seminar hall



A.Swathi II B.Tech IT got first Prize in "Artist me" competition conducted by Pidilite Industries at PVPSIT, Vijayawada in August 2018.



IT Department, ISO External audit successfully completed on 9-8-2018. Mr.Vijay Kumar Yadav, Lead auditor came from DNV Systems, Hyderabad.



A Guest Lecture on "Career Advancements in IT Sector and Opportunities in Cloud Computing" by IT department Alumni P. Naveen Kumar, System Engineer, TCS Hyderabad on 7-7-2018.



Department of Information Technology Students attended 3 days workshop on Phase-1 Progressive Web Apps Conducted by APSSDC from 5-7-2018 to 7-7-2018.

