

## Department of Computer Science and Engineering



### Department Report of the AY 2017-18

#### Students' Achievements in Academic:

#### Toppers List – May-June-2018 VTU Examinations (AY 2017-18 EVEN Semester)

RANK/SEM	4 <sup>th</sup> SEM	6 <sup>th</sup> SEM	8 <sup>th</sup> SEM
FIRST	Sridevi Tayammanavar – 8.29	Laxmi Navalli – 8.46	Madhumati Desur – 83.46%
SECOND	Spoorti Satenahalli – 8.0	Saipriya Yadahalli – 8.12	Abhishek Handi – 82.26%
THIRD	Harshitha J Angadi – 7.78	Keerti Mulgund – 8.08	Pushpa Masaraddi – 80.93%
Overall Passing %			

#### Toppers List – Dec/Jan-2018 VTU Examinations (AY 2017-18 ODD Semester)

RANK/SEM	3 <sup>rd</sup> SEM	5 <sup>th</sup> SEM	7 <sup>th</sup> SEM
FIRST	Sridevi Tayammanavar – 9.14	Smeeta Policepatil – 7.77	Abhishek Handi – 76.22
SECOND	Harshita J – 8.14	Laxmi B Navalli – 7.58	Arundhati Y – 75.11
THIRD	Tejashwini Badi – 7.71	Rupa S G – 7.31	Madhumati Desur – 74.33
Overall Passing %	69.69%	83.33%	92.15%

#### Toppers List – May/June-2017 VTU Examinations (AY 2016-17 EVEN Semester)

RANK/SEM	4 <sup>th</sup> SEM	6 <sup>th</sup> SEM	8 <sup>th</sup> SEM
FIRST	Saipriya Yadahalli – 8.29	Pavankumar Jogad - 75.67%	Sarala Madolli – 83.73%
SECOND	Nagaratna V J & Sushma Patil – 8.00	Rajesh Butta – 74.67%	Rekha M – 82.53%
THIRD	Rupa S G & Smeeta Policepatil – 7.86	Pushpa Masaraddi – 73.44%	Deepa Malimath – 81.06%
Overall Passing %	71.64%	89.36%	98.38%

#### Prize Winners at State / National Level Technical Events:

SL No.	Event Name	Winners	Held at	Prize Won
01	Insignia 2018 – Paper Presentation	Mahalaxmi Desai, Praveen & Samruddh Patil	SDMCET, Dharawad	2 <sup>nd</sup>
02	Paper Presentation	Miss Ayesha & Mr. Arif	HIT, Nidasoshi	3 <sup>rd</sup>
03	“Shodh” Paper Presentation	Mr. Girish S D	REC Hulkoti	2 <sup>nd</sup>
04	Paper Presentation	Miss Ayesha & Mr. Arif	VVCE, Mysore	Best Paper Award

### **Conferences / Workshops / Internships Attended by Students:**

1. Shravani Talakal & Madhumati Desur of 7<sup>th</sup> semester CSE students attended a **SONATA Internship Program** from 27<sup>th</sup> July to 7<sup>th</sup> Aug 2017, held at Bangalore.
2. More than 20+ students attended a NPAT (National Programming Assessment Test) exam on 13<sup>th</sup> Aug 2017 conducted by the NPTEL, IIT Madras under the coordination of Prof. Shrikant Jogar.
3. Online test on LINUX (IIT Bombay Spoken Tutorial) was conducted for the 7<sup>th</sup> semester students on 1<sup>st</sup> Sept 2017 under the coordination of Prof. Shrikant Jogar. Out of 25 participants, 19 have secured the certificates by scoring more than 40% in the test.
4. Thirteen students of 5<sup>th</sup> semester have been successfully completed the online test on C, conducted remotely by IITB under Spoken Tutorial Project on 13<sup>th</sup> Oct 2017 which was coordinated by Prof. Shrikant Jogar.
5. Arunkumar C, Bibi Ayesha, Channaveeresh Y & Nikhil Pai successfully completed online exam conducted by NPTEL IITM of Massive Open Online Courses on Cloud Computing & Internet of Things on 22<sup>nd</sup> Oct 2017.
6. Totally 12 papers have been presented by the CSE students in the National Level Multi Conference – Advances in Computer Science Engineering & Technology (ACSET – 2018) held at KLECET, Chikkodi on 9<sup>th</sup> & 10<sup>th</sup> March 2018 under the guidance of Prof. Nagaraj Telkar, Prof. Arunkumar Joshi, Prof. Pavankumar Naik & Prof. Sharada S K.
7. Totally 14 papers presented by 6<sup>th</sup> & 8<sup>th</sup> semester students in “National Level Symposium on Networking” held at VVCE Mysore on 30<sup>th</sup> April 2018 under the guidance of Prof. Sharad S K & Prof. Jagadeesh Meti & Prof. Basavaraj K M.
8. Prof. Basavaraj K M, Ms. Megha P, Ms. Nirmala R Annigeri, presented paper entitled “Patient Health Monitoring System using IOT & Android”, in International Conference on Innovations in Science, Engineering & Technology (ICRISET-18) held at HIT Nidasoshi on 18<sup>th</sup> & 19<sup>th</sup> May 2018.
9. Ms Smeeta Policepatil of 6<sup>th</sup> semester student has got selected for SONATA Internship Program for July - 2018.

### **Journal Papers Published by Students:**

1. Prof. Nagaraj Telkar, Prof. Pavankumar Naik, Ms Haripriya Vadavi, Ms. Shravani Talakal, Ms. Sudharani & Ms. Sujata Ugargol “ IOT Based Home Automation System & Smart Security”, IJSRCSEIT, Vol 3, Issue 5 / 3469, May 2018, ISSN: 2456-3307, Page 486 - 489
2. Prof. Nagaraj Telkar, Prof. Pavankumar Naik, Ms Pooja Ganiger, Ms. Sangeeta Hosalli, Ms Suma C C & Ms Swapna Reddi, “Accident Detection System using Sensors”, IJSRCSEIT, Vol 3, Issue 5 / 3243, May 2018, ISSN: 2456-3307. Page 464 – 468

3. Prof. Pavankumar Naik, Prof. Nagaraj Telkar, Ms Laxmi K V, Ms Madhumati Desur, Ms Pushpa Masareddi, Ms. Swapna Kanaknavar, “ IOT Based Smart Ration Distribution”, IJSRCSEIT, Vol 3, Issue 5 / 3470, May 2018, ISSN: 2456-3307.
4. Prof. Pavankumar Naik, Prof. Nagaraj Telkar, Mr. Abhishek Handi, Mr. Girish S D, Ms Sowmya Benakatti, Mr. Mounesh Sutar, “Online Leave Portal”, IJSRCSEIT, Vol 3, Issue 5 / 3252, May 2018, ISSN: 2456-3307.
5. Prof. Priyanka Mathapati, Shweta Haigar, Meghana H, Arundhati Y “Wifi Based Bus Tracking System” in International Journal of Engineering Research in Computer Science & Engineering (IJERCSE), Volume 5, Issue 6, June 2018, (ISSN – Online : 2394-2320)

### **Scholarship Award:**

Sl. No.	Student Name	Sem	Scholarship Name	Amount in Rs.
1	Akshata.B.H	1 <sup>st</sup>	Sri Shiridi Saibaba	30,000
2	Aparna Rati	1 <sup>st</sup>	Sri Ramamoorthy Memorial	10,000
3	Madhu M.Patil	3 <sup>rd</sup>	N H Israni	25,000
4	Shradda Mudigoudar	3 <sup>rd</sup>	Smt. Pathre Shakuntalamma Ramalinga Setty	7,300
5	Haripriya.V	7 <sup>th</sup>	Sonata	50,000
6	Spoorthy Satenahalli	3 <sup>rd</sup>	Kiran Girl's Scholarship	40,000
7	Aswinni S.Pujar	5 <sup>th</sup>	Teacher's Scholarship	10,000
8	Mr Rajesh Butta	7 <sup>th</sup>	William Mitchell Scholarship for Exhibited Leadership	37,500

### **Training & Placement:**

Total 21 CSE students have got placed in reputed companies like, TCS, SONATA, Federal Bank, SSSPL, CMS IT Services, and Cranes Software etc. in the academic year 2017-18.

### **Projects Recognition/Awards:**

#### **Selected For KSCST Bangalore Sponsorship:**

1. The project entitled “Innovative to save lives & Traffic Controlling using Image Processing” carried out by Aum Akhilesh, Nikhil Pai, Channaveesh & Arun under the guidance of Prof. Karthik A S & Prof. Vikram Shirol.
2. The Project entitled “Unique ID Bus Pass Generation & Fraud Pass Detection System ” carried out by Anusha U, Deepa S, Pavankumar Jogad & Suman, under the guidance of Prof. Arunkumar Joshi.

3. The Project entitled “Remote Monitoring & Closed Loop Control for Social Modernization in Agriculture using IOT” carried out by Shipla S, Prema K, Poornima C H & Honnavva under the guidance of Prof. Jagadeesh Meti.
4. Two final year projects got VTU Financial Assistance Rs. 5000/- each for the AY 2017-18. The project details are as below
  - Project entitled “WiFi Based Bus Tracking System” carried out by Arundhati Y, Meghana H V, Shwata Haigar under the guidance of Prof. Priyanaka Mathapati.
  - Project entitled “Automated Ration Distribution using Smart Card” carried out by Laxmi K V, Madhumati Desur, Pushpa H M & Sapna K under the guidance of Prof. Pavankumar Naik.
5. Two final year projects under the guidance of Prof. Arunkumar Joshi have got selected for National level IEAE Students Project Recognition Award 2018. Out of 1210 projects, 250 have got selected in the first stage. The projects details are as below;
  - Project entitled “Unique ID Based Bus pass Generation & Fraud Pass Detection System” carried out by Pavankumar Jogad, Anush Umachagi, Deepa Shriramanagar & Suman Hugar.
  - Project entitled “Home Automation with Automated Electricity Bill Generation” carried out by Samrudh Kulkarni, Poorva Raichur, Praven Konaraddi & Mahalaxmi Desai.

#### **Workshops / FDPs Attended:**

1. Prof. Priyanaka Mathapati attended 2 Days FDP on “Database Application Development” held at RNSIT, Bangalore from 2<sup>nd</sup> to 3<sup>rd</sup> Aug 2017.
2. Prof. Jagadeesh Meti & Mr. Ragahavendra Satpute attended 3 days workshop on “Network Simulator 2” held at VCE Mysuru from 17<sup>th</sup> to 19<sup>th</sup> Aug 2017.
3. Faculties attended a 1 day FDP on “NBA Programme – Outcome Based Education” conducted by TCS Bangalore on 19<sup>th</sup> Aug 2017 at SKSVMACET, Laxmeshwar.
4. Prof. Jagadeesh Meti has attended 2 days workshop on SAGY (Sansad Adarsh Gram Yojana) organised by AICTE on 25<sup>th</sup> & 26<sup>th</sup> Nov 2017 conducted by Nagarjuna Engineering College Bangalore.
5. Prof. Pavankumar, Prof. Prakash Hongal & Prof. Vikram Shirol attended 2 days training program on “Introduction to Machine Learning” held at KLEIT Hubli, conducted by IIT Kharagpur, NMEICT, MHRD, Govt. of India.
6. Prof. Priyanaka Mathapati has attended FDP on “Data Science with Python” held at Dayananda Sagar Institute of Technology Bangalore from 8th to 12th Jan 2018.
7. Prof. Arunkumar Joshi attended 5 days FDP on “Mobile Application Development” held at Vidya Vikas Engineering College, Mysore from 22<sup>nd</sup> to 26<sup>th</sup> Jan 2018.

8. Prof. Arun Kumbi & Prof. Sharada S K attended a 5 days workshop on “Machine Learning” held at KLEIT Hubli from 27th to 31st Jan 2018.
9. Prof. Shrikant Jogar & Mr. Raghavendra Satpute attended one day training program on “A-View Software” on 20th Feb 2018, held at BIT, Bangalore.
10. Prof. Arun Kumbi attended one day workshop conducted by TCS held at BIET Davangere on 16<sup>th</sup> March 2018.
11. Prof. Rajeshwari S G attended one day workshop on “AICTE New Model Curriculum” held at VTU Belagavi on 17<sup>th</sup> May 2018.

### **Papers Published & Presented in Journals & Conferences:**

1. Prof. Arun Kumbi & Prof. Pavankumar Naik published International Journal Paper entitled “A survey Paper on Internet of Things based Healthcare System” in Science Publishing Group (Advanced in Cloud & Internet of Things and Cloud Computing, Vol 5, Issue Number 5-1, Sept 2017, ISSN:2376-7731)
2. Prof. Pavankumar Naik, Prof. Arun Kumbi & Prof. Nagaraj Telkar have presented a paper entitled “Automation of Irrigation System using IOT” in a National Conference held at BIET, Davangere on 13<sup>th</sup> Oct 2017.
3. Prof. Pavankumar Naik has been nominated as Review member for the International Journal of Creative Research Thoughts. (ISSN: 2320-2882, Member ID: 111976)
4. Prof. Pavankumar, Prof. Arun Kumbi & Prof. Basavaraj K M published paper entitled “Gesture Recognition System for Physically Challenged Persons” in iJRASET (International Journal for Research in Applied Science & Engineering Technology) Volume 5, Issue XII, Dec 2017, ISSN: 2321-9653.
5. Prof. Pavankumar Naik, Prof. Nagaraj Telkar & Prof. Arun Kumbi, presented a paper entitled “An Automotive Diagnostics, Fuel Efficiency & Emission Monitoring System using CAN” in the International Conference on Big Data, IoT & Data Analytics 2017, organized by Vishwakarma Institute of Technology, on 20<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> Dec 2017.
6. Prof. Arun Kumbi, published paper entitled “Internet of Things: A survey of Architecture Protocols & Requirements” in IGI Global (IJHIOT) Vol 1, Issue 2, Article 4.
7. Prof. Pavankumar Naik has become Editorial Board member & Reviewer of Journal of Emerging Technologies & Innovative Research JETIR (ISSN: 2349-5162).
8. Prof. Sharada S K presented & published paper entitled “A Brief Review on Data Mining Techniques for Predicting Heart & Liver Diseases” in International Conference on Recent Innovations in Science, Engineering & Technology, held at HIT Nidasoshi, on 18th & 19th May 2018
9. Prof. Arunkumar Joshi Presented paper entitled “Object Detection & Tracking using Different Image Processing Approaches” in International Conference on Recent Innovations in Science, Engineering & Technology, held at HIT Nidasoshi, on 18th & 19th May 2018
10. Prof. Arunkumar Joshi Presented paper entitled “Cloud Drops” in International Conference, held at New Horizon College of Engg & Technology, Bangalore, on 13<sup>th</sup> April 2018.

Under the coordination of Prof. Shrikant Jogar, our college has been selected as official Remote Centre to conduct AICTE approved workshops, STTPs & FDPs organized by IITB & IITKGP.