



**School of Computer Science and Engineering**

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**Initiatives for Advanced Learners**

Sl.No.	Particulars
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2	List of IRP Students
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4	List of Students appeared in Competitive examination like GATE,UPSC,CAT,GMAT,SSRB etc.
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**1. List of REU Students**


**Consolidated list of REU 2019-20**

SI No.	Guide/s	Name of the student & SRN	REU Title
1.	Dr. Meena S.M Prof. Uday Kulkarni	Vinay Karnam 01fe16bcs252	Machine Learning / Quantization on Mobilenet V2
2.	Dr. Meena S.M Prof. Uday Kulkarni	Anup Ravikumar 01fe16bcs034	Automated classification of cultural heritage sites
3.	Dr. Meena S.M Prof. Sunil V.G	Abhishek N Kalburgi 01fe16bcs007	2-D Image Super resolution
4.	Dr. S.R.Chickerur Prof. Mahesh Patil	Nitisha Sinha 01fe16bcs130	Quantum machine learning for Healthcare algorithms.
5.	Dr. S.R.Chickerur Prof. Mahesh Patil	Vasavi Anand 01fe17bcs426	Quantum computing for engineering algorithms.
6.	Dr. S.G.Totad Prof. Vijay Bhajantri	Bhavanishankar R Hakari 01fe16bcs051	Performance fortification of classification algorithm using spark (Big data).
7.	Dr. S.G.Totad Prof. Praveen M.D	Vinayak Alagwadi 01fe15bcs228	Block chain technology and smart contracts
8.	Dr. S.D.Desai	Prajwal T Kadiyavar 01fe16bcs147	Deep learning based medical imaging.
9.	Dr. Shankar G.	Kiran Akadas 01fe16bcs092	Representation Learning for 3D data.
10.	Dr. Shankar G.	Raghu Raj Rai 01fe16bcs157	Underwater Image Restoration using GAN
11.	Dr. P.G.Sunitha Hiremath	Ashish Kar 01fe16bcs047	Detecting defective reviews using GAN



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12.	Dr.P.G.Tewari Ms. Padmashree Desai	Akhila Joshi 01fe16bcs019	Learning Analytics framework for measuring student's behavior and teacher's involvement through problem-based learning in engineering education
13.	Dr.P.G.Tewari Ms. Vijayalaxmi M	Amogha P Shettar 01fe16bcs026	Learning Analytics Framework for Problem Solving
14.	Dr. Ashok Shettar Ms. Aruna Nayak	Amoolya P Shettar 01fe16bcs027	Assessing an individual's contribution in a team project using Learning Analytics
15.	Dr. G.HJoshi Mr. Koshik	Dharmashree P Hotapeti 01fe16bcs064	Influence of Demographic Background on Teamwork Ability: A Study
16.	Dr. G.HJoshi Mr. Preeti D	Divya Vivek Shanbhag 01fe16bcs067	Development of non-cognitive skills in first-year engineering education

  
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**2. List of IRP Students**

**Consolidated list of IRP 2019-20**

S. No.	SRN	Name	Name of IRP Internship	Topic	Coordinator
1.	01FE16BCS235	Vishal Jituri	Security & Surveillance	Object recognition and tracking	Dr. Meena S.M
2.	01FE16BCS234	Virag Shah			
3.	01FE16BCS242	Praison Joshua	Crowd Sourced Platform Development	Development of the platform for uploading different data input and archiving and annotating the data.	Dr. Meena S.M
4.	01FE16BCS091	Kevin Rodrigues			
5.	01FE16BCS105	Mihir Ambli	KLETECH Private Cloud	Storage –as –a- Service using open stack swift.	Dr. Narayan D.G
6.	01FE16BCS145	Prajna M Yaji			
7.	01FE16BCS111	Nageshwar Albur	KLETECH Private Cloud	Elastic provisioning of Hadoop & Spark Clusters	Dr. Narayan D.G
8.	01FE16BCS113	Namarata Hosmani			
9.	01FE16BCS244	Rashmi U B	KLETECH Private Cloud	Block chain based secure data provenance in open stack based cloud	Dr. Narayan D.G
10.	01FE16BCS138	Pavitra Haveri			
11.	01FE16BCS152	Priyanka R Babu			



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### 3. Department of Science and Technology(DST) Training Programme

#### 1. Title of the Training

Workshop on "Computer Vision, Graphics and Image Processing".

#### 2. Objectives of the Training

- Capacity building and competency development in the areas of Computer vision, Graphics and Image Processing.
- To provide experiential learning, research experience and to address real world Problems.
- To provide opportunity for learning beyond classroom.
- To provide opportunity to work in multi-disciplinary teams.
- To provide platform for peer learning and enhance out-of-box thinking
- To orient towards Startups.

#### 3. The Context

Enable the students to provide engineering solutions in a global and societal context, lifelong learning and communicate effectively. To address these, we conduct workshops which effectively lead in attaining these outcomes and leading to start-ups. Promote the students to have experiential learning in the areas such as super resolution of images and videos, activity recognition, 3D reconstruction, image fusion and quality parameters, video summary, video analysis, video compression, video indexing, driver assistance systems, 2D and 3D rendering.



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### 4. The Training

The workshop on Computer Vision, Graphics and Image Processing (CVGIP) was started in June-July 2009 and is continued till date. The workshop is conducted in two phases (a) Conceptual training and tool learning (b) project phase. The workshop runs for 6 weeks, which contain a unique model of 2-3 weeks' theory sessions in the morning and lab sessions in the afternoon, and students carry out project during next four weeks. Student projects are reviewed twice a week and are evaluated at the end of four weeks by external evaluators who are expertise in the area.

### 5. Evidence of Success

Four students (graduated in 2012), who attended the workshop after their 4<sup>th</sup> semester during 2010 and continued their project during third and final year, **started a company called LabInApp** and today their product is in 10,000+ schools across India. 2015 graduated students who attended the workshop after their 3<sup>rd</sup> semester during 2012 and continued their project during third year and final year started company called SnapTrude. Every year at least 10 students go for internship at IIT Delhi. Three students who acquired the skills and knowledge from the workshop were the part of **winning team (one lakh cash prize) in Smart India Hackathon 2019-20**.

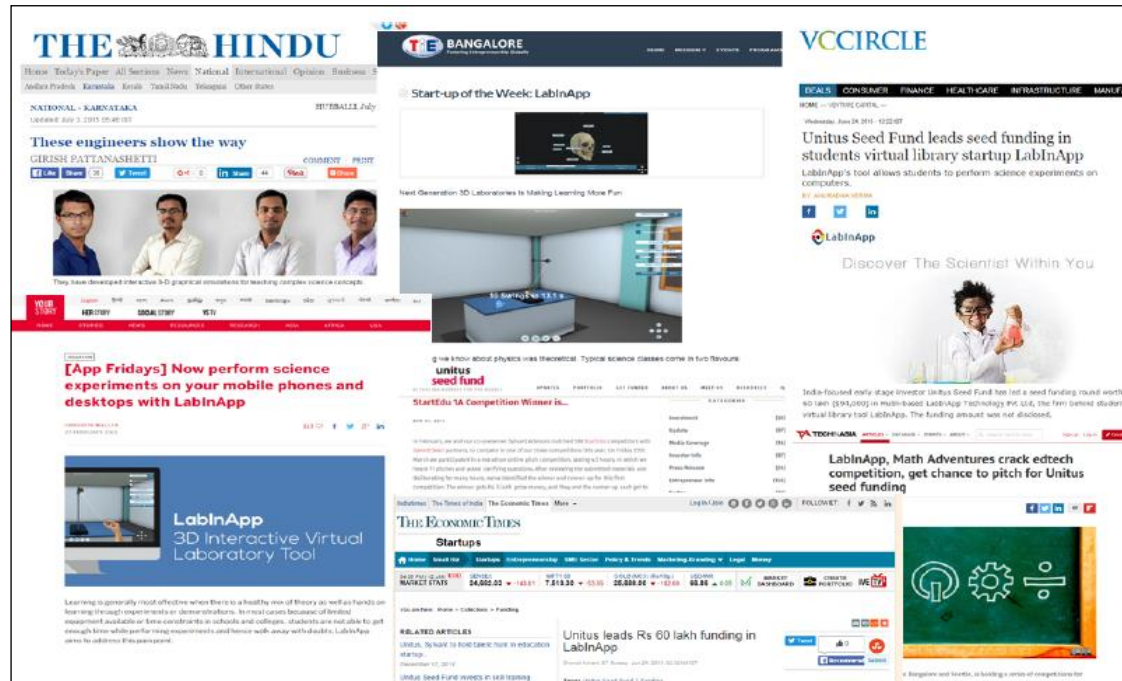
### 6. Problems Encountered and Resources Required

The problem is to attract more number of outstation students for registration of the workshop as it is conducted on summer which is their vacation period



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Labinapp <https://labinapp.com/>

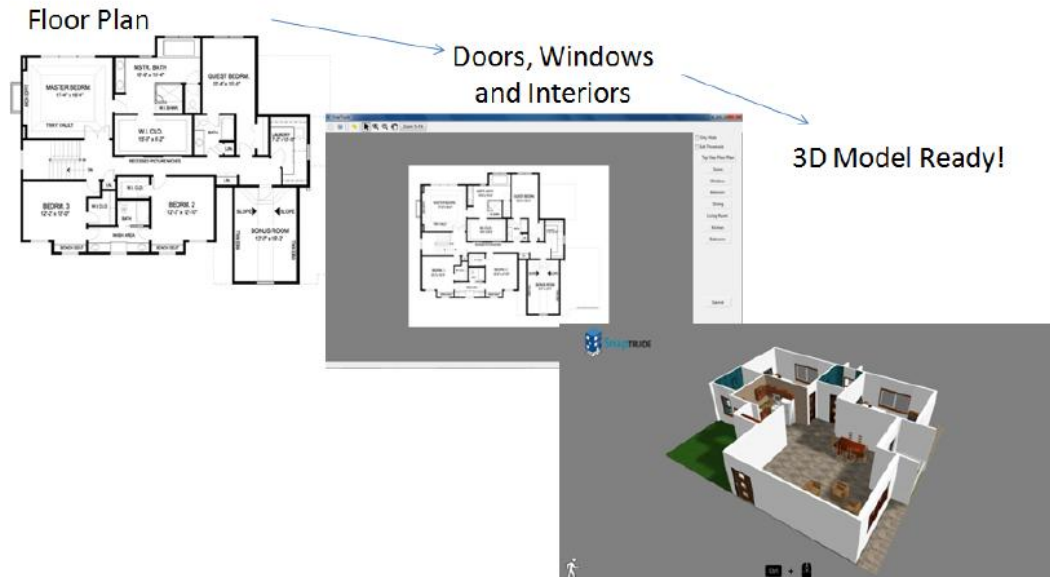






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SnapTrude <https://snaptrude.com/>







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**Smart India Hackathon 2019-20**





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**4. List of Students appeared in Competitive examination like GATE,UPSC,CAT,GMAT,SSRB etc.**

**Students appeared GATE exam (2019-20)**


Sl.No.	Registration No.	Student Name
1.	CS20S61239311	Ashishkar
2.	CS20S61239334	Deepti Nadakarni
3.	CS20S61239031	Apoorva Chate
4.	CS20S61239361	Abhishek Nagosakalburgi
5.	CS20S61239210	Amit Shridhar Ghorpade
6.	CS20S61239328	Anant Krishna Chikkerur
7.	CS20S61239343	Apoorva Janardhan Hegde
8.	CS20S61239072	Ganesh Pandurang Jadhav
9.	CS20S61204209	Harish A Ramadurg
10.	CS20S61239211	Hari Vijaygajananranmale
11.	CS20S61239262	Shriya Basavaraj Hireholi
12.	CS20S61239044	Jayashree A V
13.	CS20S61239339	Kiran Akadas
14.	CS20S61239052	Lakshmikanthshetty B
15.	CS20S61239258	Manas Kumar
16.	CS20S61239208	Manoj Ganapathi Vaidya
17.	CS20S61239075	Naresh Manjunath Moger
18.	CS20S61239058	Pradeep Prakash Badiger
19.	CS20S61239354	Prajna Manjunath Yaji
20.	CS20S61239080	Prajwal T Kadiyavar



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21.	CS20S61239047	S V Rajashekar Reddy
22.	CS20S61239314	Shanthika Shankar Naik
23.	CS20S61239359	Shashank Veeresh Hiremath
24.	CS20S61239176	Shyamsundar Agarwal
25.	CS20S61239197	Sreyanka Devaraddi Somaradder
26.	CS20S61239119	Vaibhav S Hegde
27.	CS20S61239056	Vinay Nagesh Naik

  
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**5. List of Students opted the course on Algorithmic Problem Solving**

Problem-solving is the process of witnessing the workflow in the considered scenario, identifying the key factors of influence, designing solutions to impact change, and monitoring the progress over time. Problem-solving skills are highly sought after by employers as many companies rely on their employees to identify and solve problems. Critical thinking, rational thinking, creativity, analytic capabilities are some of the critical aspects that problem-solving involves and evolves. Ample companies have now shifted to online coding platforms to recruit students, especially for the core jobs. In order to provide such an environment, the Algorithmic Problem Solving course was introduced as an elective to the sixth semester, open to all branches if qualified for the screening exam. Excelling in competitive programming, making programming a daily habit, approaching expertise by solving challenging problems, and working in a constrained environment are the course's major objectives.

<b>Course</b>	<b>Algorithmic Problem Solving</b>	<b>Course Code</b>	<b>17ECSE309</b>
<b>Sem</b>	<b>VI</b>	<b>Academic Year</b>	<b>2019-20</b>

<b>Sl. No.</b>	<b>Name</b>	<b>Branch</b>
1.	Abhishek Kalburgi	CSE
2.	Sakib Mullanavar	CSE
3.	Nirjar Kulkarni	CSE
4.	Y Supreeth	CSE
5.	Unnati Babruwad	CSE
6.	Vasudeva H	CSE
7.	Ganesh Jadhav	CSE
8.	Kiran Akadas	CSE





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9.	Shantika Naik	CSE
10.	Prajna Yaji	CSE
11.	Shreya Todurkar	CSE
12.	Dikshit Hegde	ECE
13.	Anusha R P	CSE
14.	Vijayalaxmi Nayak	CSE
15.	Vaishnavi Lalge	CSE
16.	Vinay Naik	CSE
17.	Vaishno Jha	CSE
18.	Varad Prabhu	ECE
19.	Shyam Sundar	CSE
20.	Vinay karnam	CSE
21.	Ananth Chikkerur	CSE
22.	Sagar Bammigatti	CSE
23.	Nidhi Mehata	CSE
24.	R Shilpa	CSE
25.	Manoj Vaidya	CSE
26.	Abdulgafur	CSE
27.	Shashank Hiremath	CSE
28.	Ravindranath Shenoy	CSE
29.	Prashant Jalisatgi	CSE
30.	Shubhangi Kasture	ECE
31.	Saurav Singh	CSE
32.	Suchit Kumar	CSE
33.	Navya Telang	CSE
34.	Apoorva Malemath	CSE
35.	Shreyanka D S	CSE



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36.	Radhika Kodagali	CSE
37.	Omkar Sabade	CSE
38.	Swathi Tegginkeri	ECE
39.	Vinayak Madhurkar	CSE
40.	Nishanth BS	ME
41.	Sanjana S H	ECE
42.	Vaibhav Hegde	CSE
43.	Anita Prasad	CSE
44.	Shradha Mundiganal	CSE
45.	Sagar Huli	CSE
46.	Nehal K	CSE
47.	Kevin R	CSE
48.	Rashmi U B	
49.	V Vineeth Kumar	CSE
50.	Praison J	CSE
51.	Shabnam Naz.R	CSE
52.	Manas Kumar	CSE
53.	Deepti Hegde	ECE
54.	Apoorva Hegde	CSE
55.	T Santosh	ECE
56.	Nikhil N B	CSE
57.	Shashank Patil	CSE
58.	Yashasvi Shukla	CSE
59.	Vaishak K	ECE
60.	Vikas Jaiswal	CSE
61.	Tejaswi Nayak	CSE
62.	Vivek K	CSE




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Leveraging Knowledge

Earlier known as  
B. V. B. College of Engineering & Technology

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63.	Swati Agarwal	CSE
64.	Subrahmanya G	ECE
65.	Sonal Prabhu	CSE

  
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**6. Placement Details (2020)**

Sl.No.	Company Name	No Of students Offered Jobs	Highest Salary (LPA)	Lowest Salary (LPA)
1.	Accenture	101	6.5	4.5
2.	Agaze Technologies	3	3.6	3.6
3.	Akamai	5	12.5	12.5
4.	AltenCalsoft Labs	1	3.8	3.8
5.	Amazon SDC	1	30	30
6.	Amagi	2	11	11
7.	Amazon AWS	4	19	19
8.	DXC Technologies	2	3.6	3.6
9.	Hexaware	3	3	3
10.	CommercelQ	1	16	16
11.	Deevia Software	1	4.1	4.1
12.	Informatica	5	7	7
13.	Infosys	24	8	3.6
14.	INSZoom	12	8	5.5
15.	Juniper Networks	6	11.15	9
16.	Mercedes Benz	13	6.2	6.2
17.	Microsoft	5	9	9
18.	OneTrust	4	5.5	5.5
19.	SmartDrive Systems	2	10	10
20.	Subex	2	5	4
21.	Robert Bosch	35	5	5
22.	Siemens Healthcare	6	5.5	5.5
23.	SONY	8	6.25	6.25





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24.	SOROCO	3	7.5	7.5
25.	Starmark S/w	1	4	4
26.	Tata Elxsi	7	3.5	3.5
27.	TCS	48	6.5	3.5
28.	Toshiba	2	6	6
29.	TEKsystems	1	6	6

Sl.No.	USN	Student Name	CGPA	Company Name	Package offered
1.	01FE16BCS111	Nageshwar S Albur	8.71	Akamai	12.5 lakhs
2.	01FE16BCS203	Sonali S Naik	8.68	Akamai	12.5 lakhs
3.	01FE16BCS067	Divya Vivek Shanbhag	8.84	Akamai	12.5 lakhs
4.	01FE16BCS171	Sagar Bammigatti	8.57	Akamai	12.5 lakhs
5.	01FE16BCS034	Anup Ravikumar	7.6	Juniper Networks	11.15 lakhs
6.	01FE16BCS145	Prajna Manjunath Yaji	9.15	Amagi	11 lakhs

  
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**7. Graduated students who have progressed to higher education (2019-20)**

Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
Amogha Shettar	2020	Northeastern University	MS
Anannya Anand Hanji	2020	Royal Holloway University Of London	MS
Bhavanishankar Ramesh Hakari	2020	Monash University, Australia	MS
Devika Dileep	2020	Jönköping International Business School	MBA
Vinith Virupakshappa Angadi	2019	University of Southern California, Viterbi School of Engineering	MS
Mohammed Faizan	2019	Concordia University	MS
Shreya Ashok Patil	2019	Maynooth university, Ireland	MSc in Business Management

  
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**8. Student Placement and Higher Studies Information**

Sl.No.	Student Details
1.	Nageshwar S Ablur had taken Institutional Research Project (IRP) which helped him to get placed in Akamai Company with a package of 12.5 lakhs.
2.	Divya Vivek Shanbhag had taken Research Experience for Undergraduates (REU) project helped to get placed in Akamai Company with a package of 12.5 lakhs.
3.	Anup Ravikumar had taken Research Experience for Undergraduates (REU) project helped to get placed in Juniper Networks with a package of 11.15 lakhs.
4.	Navya T and Apoorva Malemath had taken Algorithm Problem Solving course which helped them get placed in Amazon AWS with a package of 19 lakhs.
5.	Sagar Bammigatti had opted Algorithm Problem Solving course which helped him to get placed in Akamai with a package of 12.5 lakhs.
6.	Prajna M Yaji had taken Institutional Research Project (IRP) which helped him to get placed in Amagi with package of 11 lakhs.
7.	Amogha P Shettar had taken Research Experience for Undergraduates (REU) project helped to get selected for MS programme in Northeastern University.
8.	Bhavanishankar R Hakari had taken Research Experience for Undergraduates (REU) project helped to get selected for MS programme in Monash University, Australia