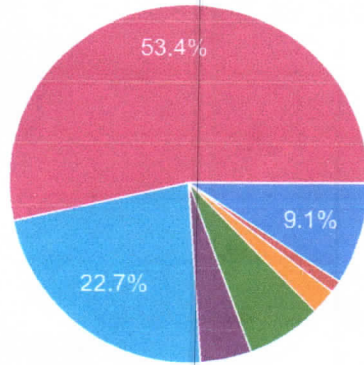


### Open Elective Courses 3

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88 responses

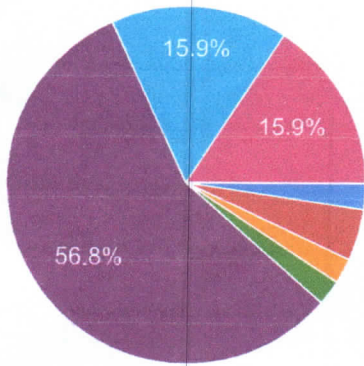


- 1. AI Tools & Techniques
- 2. Image Processing
- 3. Information Security
- 4. Mobile Application Development
- 5. Data Science
- 6. Cyber Security
- 7. Introduction to Internet of Things

### Open Elective Courses 4

 Copy

88 responses



- 1. MEAN Stack Technologies
- 2. Deep Learning Techniques
- 3. Cloud computing with AWS
- 4. Block Chain Technologies
- 5. Cryptography & Network Security
- 6. Introduction to Machine Learning
- 7. Machine Learning with Pyt

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## Google Forms

*H. Anandkumar*

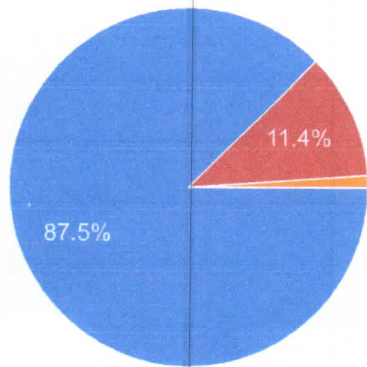
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### PROFESSIONAL ELECTIVE 3

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88 responses

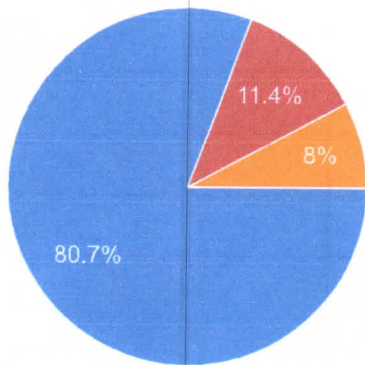


- 1. Optical Communication
- 2. Digital Image Processing
- 3. Low Power VLSI Design

### PROFESSIONAL ELECTIVE 4

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88 responses

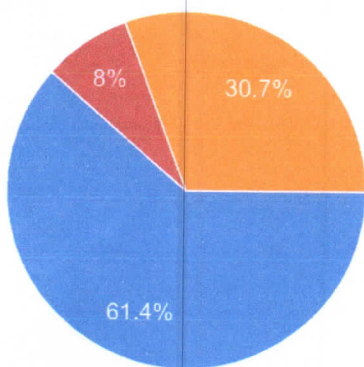


- 1. Satellite Communications
- 2. Soft Computing Techniques
- 3. Digital IC Design using CMOS

### PROFESSIONAL ELECTIVE 5

 Copy

88 responses



- 1. Radar engineering
- 2. Pattern recognition & Machine Learning
- 3. Internet of Things

*H. Anandkumar*

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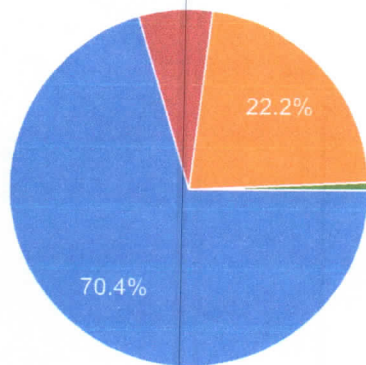
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2 more responses are hidden

### PROFESSIONAL ELECTIVE 2

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135 responses

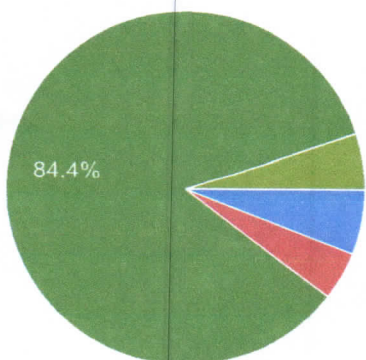


- 1. Microwave Engineering
- 2. Mobile & Cellular Communication
- 3. Embedded Systems
- 4. CMOS Analog IC Design

### Open Elective Courses 2

 Copy

135 responses



- 1. Python Programming
- 2. Web Technologies
- 3. Soft Computing
- 4. Computer Networks
- 5. Big Data Analytics
- 6. Computational Tools
- 7. Distributed Computing
- 8. AI and ML for Robotics

*H. Aravind Kumar*

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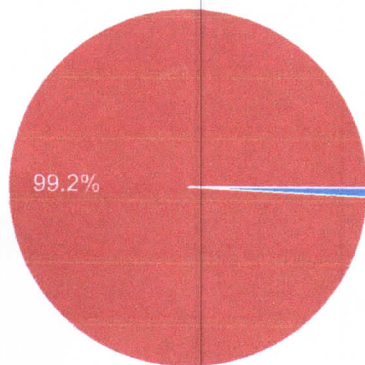
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### PROFESSIONAL ELECTIVE 1

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122 responses

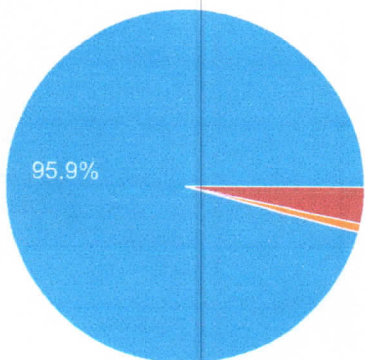


- 1. Antenna and Wave Propagation
- 2. Electronic Measurements and Instrumentation
- 3. Computer Architecture & Organization

### Open Elective Courses 1

 Copy

122 responses



- 1. Data Structures
- 2. Object Oriented Programming through java
- 3. Data Base Management Systems
- 4. Computer Graphics
- 5. Advanced UNIX Programming
- 6. Computer Organization an...
- 7. Operating Systems

*H. Subramanian*  
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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY:: KAKINADA**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**III Year - I Semester**

S.No.	Category	Name of the subject	L	T	P	Credits
1	PC	Analog ICs and Applications	3	0	0	3
2	PC	Electromagnetic Waves and Transmission Lines	3	0	0	3
3	PC	Digital Communications	3	0	0	3
4	OE1	Open Elective Course/Job oriented elective-1	2	0	2	3
5	PE1	Professional Elective courses -1	3	0	0	3
6	LC	Analog ICs and Applications LAB	0	0	3	1.5
7	LC	Digital Communications Lab	0	0	3	1.5
8	SC	Data Structures using Java Lab	0	0	4	2
9	MC	Indian Traditional Knowledge	2	0	0	0
<b>Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester)</b>			0	0	0	1.5
<b>Total credits</b>						<b>21.5</b>
<b>Honors/Minor courses (The hours distribution can be 3-0-2 or 3-1-0 also)</b>						<b>4</b>

**PE1:**

1. Antenna and Wave Propagation
2. Electronic Measurements and Instrumentation
3. Computer Architecture & Organization

**OE1:**

Candidate should select the subject from list of subjects offered by other departments

  
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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY:: KAKINADA**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**IV Year –I Semester**

S.No.	Category	Name of the subject	L	T	P	Credits
1	PE	Professional Elective courses -3	3	0	0	3
2	PE	Professional Elective courses -4	3	0	0	3
3	PE	Professional Elective courses -5	3	0	0	3
4	OE	Open Elective Courses/ Job oriented elective -3	2	0	2	3
5	OE	Open Elective Courses/ Job oriented elective -4	2	0	2	3
6	HS	<b>*Humanities and Social Science Elective</b>	3	0	0	3
7	SC	<b>Designer tools (HFSS, Microwave Studio CST, Cadence Virtuoso, Synopsys, Mentor Graphics, Xilinx.)</b>	1	0	2	2
<b>Industrial/Research Internship 2 Months (Mandatory) after third year (to be evaluated during VII semester)</b>			0	0	0	3
<b>Total credits</b>						<b>23</b>
<b>Honors/Minor courses (The hours distribution can be 3-0-2 or 3-1-0 also)</b>						<b>4</b>

<u>PE 3:</u> 1. Optical Communication 2. Digital Image Processing 3. Low Power VLSI Design	<u>PE5:</u> 1. Radar engineering 2. Pattern recognition & Machine Learning 3. Internet of Things
<u>PE4:</u> 1. Satellite Communications 2. Soft Computing Techniques 3. Digital IC Design using CMOS	

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