

COMPUTER SCIENCE AND ENGINEERING

(AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM) (RECOGNISED BY ALL INDIA COUNCIL FOR TECH. EDN., NEW DELHI)

Accredited by NAAC with 'A' Grade

Recognised as Scientific and Industrial Research Organisation CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204

Dr. G. P. Saradhi Varma

B.Tech.(CSE), M.Tech.(CSE), Ph.D.(CSE).





Phones: Off: EPABX:08816-223332 Ext.201

Date: 29.05.2017

Direct:08816-222748 Fax:08816-224516

College Fax:08816-229377 Mobile No.98483 81818

Email: principal@srkrec.ac.in principalsrkrec@gmail.com

gpsvarma@gmail.com Web Site: www.srkrec.ac.in

SRKREC/BOS-2/CSE/2016-17

To Prof. P.S. Avadhani Principal AU College of Engineering Andhra University Visakhapatnam - 530 003.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies will be held on 08.06.2017 at 11-00 A.M in A.C. Auditorium, I-Block.

The Boards of Studies meetings will be conducted in respective departments as per the schedule mentioned below:

S.No.	BOARD	DATE	TIME
1	Civil Engineering	The state of the s	
2	Computer Science & Engineering	08-06-2017	2.00 P.M
3	Electronics & Charles & Engineering	08-06-2017	2.00 P.M
	Electronics & Communication Engineering	08-06-2017	2.00 P.M
4	Electrical & Electronics Engineering	08-06-2017	2.00 P.M
_ 5	Information Technology	08-06-2017	2.00 P.M
6	Mechanical Engineering		
7	Combined Board of Chilinia E.	08-06-2017	2.00 P.M
,	Combined Board of Studies in Engineering Chemistry/Engineering Mathematics/Engineering Physics / Humanities and Social Sciences	08-06-2017	2.00 P.M

The T.A / D.A. will be paid to all the external members as per the university guidelines. We request you to make it convenient to attend the meetings.

> S.R.K.R. Engineering Colle (Autonomous)

China Amiram, Bhimavaram-534 204.

Yours faithfully.

G.P.3\_2. PRINCIPAL

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SRKREC/BOS-2/CSE/2016-17

To Prof. M. Shashi Professor, Dept. of CS&SE AU College of Engineering Andhra University Visakhapatnam - 530 003.

Dear Madam.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

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SRKREC/BOS-2/CSE/2016-17

To Prof P. Suresh Varma Professor Department of CSE Adikavi Nannayya University Rajahmundry-533296

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

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SRKREC/BOS-2/CSE/2016-17

To Sri Raju Alluri Manager, Netenrich Hyderabad

Dear Sir.

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SRKREC/BOS-2/CSE/2016-17

To Ms. Vani Vegesna Scientist 'G' ADA-Aeronautical Development Agency Bangalore

Dear Madam.

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SRKREC/BOS-2/CSE/2016-17

To Sri Ponnamanda .C. Varma Senior Manager VistaralT Hyderabad

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S.R.K.R. Engg. Colle BHIMAVARAM-534 204



# SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A) CHINNA AMIRAM:: BHIMAVARAM-534204 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt: 30-5-2017

### **CIRCULAR**

This is to inform you that the department of Computer Science & Engineering will convene a meeting on 8-6-2017 at 2.00 P.M. in Software Lab-1. In this connection, all the Board of Studies members are requested to attend the same.

#### Agenda:

- Discussion and finalization of scheme of instructions and syllabus of R16 B.Tech. 2-1 and 2-2 for the academic year 2017-2018.
- 2. Any other issues related to the scheme of instructions and syllabus.

Head of the Department

C.C to:

- 1. The Members of the Board of Studies
- 2. Office file

Resd of the Department of Semputer Science & Engineering S.R.K.R. Engineering College #HIMAVARAM-534 204, A.P. IND

S.R.K.R. Engg. College

H. Magazall Win

The state of the s
A meeting of Board of Studies of The department of CSE render autonomous scheme(Au)is held today at 2.00 pm in Software lob-I of CSE Department
CSE Department
The state of the s
Agendo: 1. Discussion and findization of scheme of instruction and replaceus for 2-1 and 2-2 for The academic your 2017-18.
midruction and syllobous for 2-1 and 2-2
for the academic your 2017-18.
2. Any other insury related to the scheme.  g instruction and Syllabur.
a instruction and Souldbury
He following membres are present:
1. Prot-P. Swell Varma
2. P. C. Varma pc. Nort
3. G.V. Padma Rajn when L 4. RASU S. Q. ALLORS JosePage
5. G.N.V.G. SIRISHA G.N.V.G. Siricehe
6. DV K V KEISHARM PAOD & V K Len
7. Dr. G. MAHEJA aggrerm?
8. Dr. V. Chombre Secho
9. J. Pajani kanta
10 K. V.S. S. MURTHY K-V-S. N
1 V. Dilip Kumax V. Sily ho.
11.1100 .05
13 T SRINICARA PAO
14 Kilghu Na Yawa lapi 18 G. Amruta (no 2 M. Tech) G. Amruta P. Magarah. Det
18 G. Amruta (10 2 M. Tech) G. Amruta f. Magagall
A for the Department College C
Head of the Department Computer Scotting Computer Scotting Computer Engineering Computer R. Engineerin
C.t. AAAV

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16 M·MOHSIN 4/4 B. Tech. Md. Mohshy
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20. Lv. Srinivas Justines
21. Ch. Raminaide The Raside
22. R. Shira Shankal PH
23 CH. Ymod Varma Im
20 100 001
25. V.K.R. GUNSA VIKR. BUPLE
26. V. Aujori Krantin
27 B. Sureesha Bl
28 M. Teevana
29 DHemafatha of
Resolutions:
1. Discussed and finalized Syllahou and scheme of
in struction with suggested modifications For
2-1 and 2-2 for Academic year 2017-18
(AU Autonomous batch)
2. The modifications were done boxed on Suggestions
from vantous Stake holders.
A Committee of the Comm
P. Jagapalli de je
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### **ANNEXURE-1**

With reference of Board of Studies meeting dated 8-6-2017,

Resolution 1: Discussed and Finalized syllabus and scheme of instructions with suggested modifications of 2-1 and 2-2 for the academic year 2017-2018 (AU Autonomous batch)



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## SCHEME OF INSTRUCTION & EXAMINATION

II/IV B.TECH

(With effect from 2016-2017 Admitted Batch onwards) Under Choice Based Credit System

#### COMPUTER SCIENCE AND ENGINEERING

#### I-SEMESTER

Code No.	Course	Credits	Lecture Hrs	Tutorial Hrs	Lab Hrs	Total Contact Hrs/Week	Sessional Marks	Exam Marks	Total Mark
B16 CS 2101	Data Structures	4	3	1		4	30	70	100
B16 EC 2103	Elements of Electronics Engineering	4	3	3	-	4	30	70	100
B16 ENG 2102	Discrete Mathematical Structures	ematical 4 3 1 4 30 70 tures		100					
B16.CS 2102	Object Oriented Programming	4	3	i		4	30	70	100
B16 CS 2103	Digital Logic Design	4	3	1	-	4	30	70	100
B16 ENG 2103	Environmental Studies	2	3	1		4	30	70	100
B16 CS 2105	Data Structures Lab.	2	101	250	3	3	50	50	100
B16 CS 2106	16 CS Object Oriented			44.5	3	3	50	50	100
B16-ENG 2104	English Proficiency	2	i	1	**	2	50	50	100
B16 ENG 2105	Industry Oriented Training.	1	227	-	2	2	50	-	50
	Total	29	19	7	8	34	380	570	950

\*Subjects highlighted in green colour are newly added subjects and subjects highlighted in yellow colour are revised subjects

# SCHEME OF INSTRUCTION & EXAMINATION (Regulation R16)

(With effect from 2016-2017 Admitted Batch onwards)
Under Choice Based Credit System

### COMPUTER SCIENCE AND ENGINEERING

#### II-SEMESTER

Code No.	Course	Credits	Lecture Hrs	Tutorial Hrs	Lab Hrs	Total Contact Hrs/Week	Sessional Marks	Exam Marks	Total Mark
B16 CS 2201	Operating Systems	4	3	1		4	30	70	100
B16 CS 2202	Computer Organization	4	3	1		4	30	70	100
B16 CS 2203	6 CS Misson		3	1	-	4	30	70	100
B16 CS 2204	2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		3	1		4	30	70	100
B16 CS 2205	Transmissin man		3	1	-	4	30	70	100
B16.GS 2206	Computer Graphics	4	3	1		4	30	70	100
B16 CS 2207	Operating Systems & Unix programming Lab	2	-		3	3	50	50	100
B16.CS 2208 Digital Electronics & Microprocessors Lab		2	-	4	3	3	50	50	100
B16 GS 2209	Competitive Programming	1	1		1	2	.50		50
B16 ENG 2203	Industry Oriented Training	1.	-		2	2	50	-	50
	Total	30	19	6	9	34	380	520	900

PRINCIPAL
S.R.K.R. ENGS. College
SHIMAVARAM. 536 204.

**Resolution 2:** The modifications were done based on suggestions from various stakeholders

Feedback on the B.Tech curriculum is obtained from students, employers, faculty and alumni. We have received feedback from around 112 members.

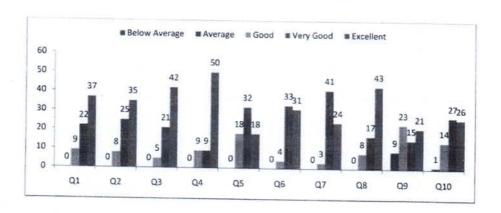


# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

### Feedback Analysis Report 2016-2017 (B.Tech.)

#### Student Feedback

Q No	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	00	040
Below					- Qu	- Qu	Q/	Qo	Q9	Q10
Average	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	9	1
Good	9	8	5	9	18	4	3	8	23	1
Very Good	22	25	21	9	32	33				14
Excellent	37	35	42	50			41	17	15	27
TOTAL	68		-		18	31	24	43	21	26
TOTAL	08	68	68	68	68	68	68	68	68	68



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WP-L-H Head of the Department

Head of the Department of Computer Science & Engineering S.R.K.R. Engineering College RHIMAVARAM-534 204, A.P. INO).

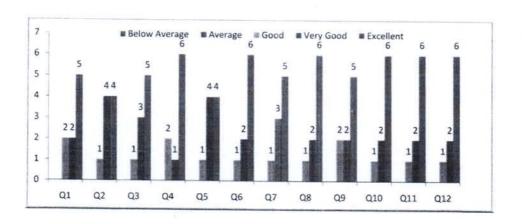


# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

#### Feedback Analysis Report 2016-2017 (B.Tech.)

#### Alumni Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	011	012
Below Average	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	0	0	0	0
Good	2	1	1	2	1	1	1	1	2	1	1	1
Very Good	2	4	3	1	4	2	3	2	2	2	2	2
Excellent	5	4	5	6	4	6	5	6	5	6	6	6
TOTAL	9	9	9	9	9	9	9	9	9	9	9	9



M. Magapall. de je

PRINCIPAL S.R.K.R. Engg. College BHIMAYARAM-834 284. New Head of the Department

Head of the Department of Computer Science & Engineering S.R.K.B. Engineering College SHIMAVARAM-534 204, A.P. IND

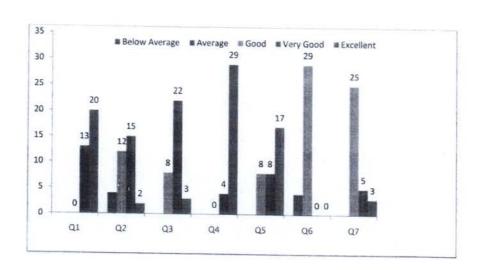


# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

## Feedback Analysis Report 2016-2017 (B.Tech.)

#### Faculty Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7
Below Average	0	0	0	0	0	0	0
Average	0	4	0	0	0	4	0
Good	0	12	8	0	8	29	25
Very Good	13	15	22	4	8	0	5
Excellent	20	2	3	29	17	0	3
TOTAL	33	33	33	33	33	33	33



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PRINCIPAL S.R.K.R. ENGS. COILEGE S.R.K.R. ENGS. 204, Wead of the Department

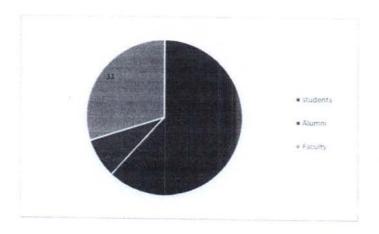
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# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

### Feedback Analysis Report 2016-2017 (B.Tech.)

Students	68
Alumni	9
Faculty	33



M. Magazall. Nej

PRINCIPAL S.R.K.R. Engg. College BHIBAYARAM-534 204. Head of the Department

Head of the Dengineert of Computer Science I. Engineer 5.9 K.B. Engineering United SHIMAVARIAN-534 20s. A.P., 1791 Feedback on the M.Tech. curriculum is obtained from students, employers, faculty and alumni. We have received feedback from around 30 members.

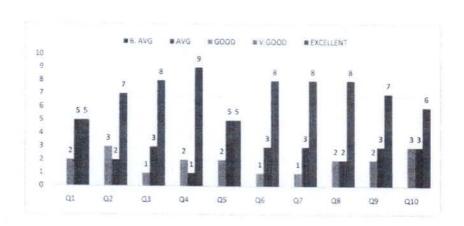


#### S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

#### Feedback Analysis Report 2016-2017 (M.Tech.)

#### Student Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
B. AVG	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0	0	0	0
GOOD	2	3	1	2	2	1	1	2	2	3
V.GOOD	5	2	3	1	5	3	3	2	3	3
EXCELLENT	5	7	8	9	5	8	8	8	7	6
TOTAL	12	12	12	12	12	12	12	12	12	12



H. Magazall dej

PRINCIPAL S.R.K.R. Engg. College BHIMAVARAM-534 204. NPdu M

Head of the Department

Read of the Department of Semputer Science & Engineering S.R.K.R. Engineering College SHIMAVARAM-534 204, A.P., INC.

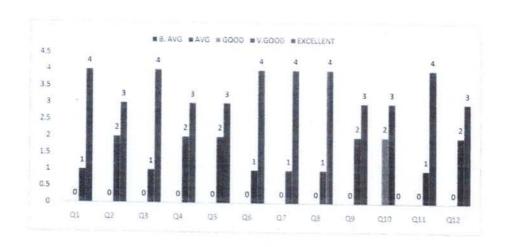


# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

### Feedback Analysis Report 2016-2017 (M.Tech.)

#### Alumni Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	07	Q8	Q9	Q10	Q11	Q12
B. AVG	0	0	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0	0	0	0	0	0
GOOD	0	0	0	0	0	0	0	0	0	2	0	0
V.GOOD	1	2	1	2	2	1	1	1	2	2	1	0
EXCELLENT	4	3	4	3	3	4	1	4	2	0	1	2
TOTAL	5	5	5	5	5	5	-7	5	5		4	3



H. Dagapall dej

PRINCIPAL S.R.K.R. Engg. College BHIMAVARAM-534 204. NPM H

Head of the Department

Head of the Department at Computer Science & Engineering S.R.K.B. Engineering College BHIMAVARAM-534 204, A.P. INDIA

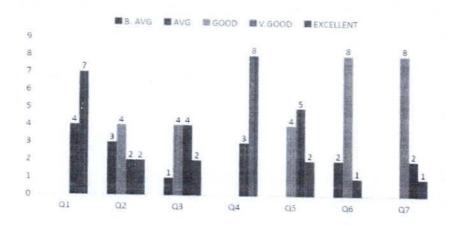


# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

## Feedback Analysis Report 2016-2017 (M.Tech.)

#### Faculty Feedback

Q.NO	Q1	Q2	Q3	04	Q5	Q6	07
B. AVG	0	0	0	0	0	0	0
AVG	0	3	1	0	0	2	0
GOOD	0	4	4	0	4	8	8
V.GOOD	4	2	4	3	5	1	2
EXCELLENT	7	2	2	8	2	0	1
TOTAL	11	11	11	11	11	11	11



H. Jagapall. dej

PRINCIPAL S.R.K.R. Engg. College BHIMAYARAM-534 204. → Phu A; Head of the Department

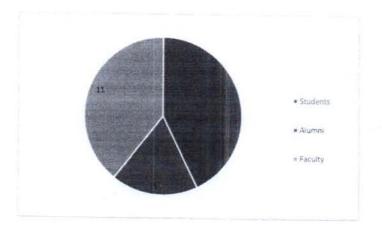
Best of the Department of Computer Science & Engineering S.R.K.R. Engineering College HHIMAVARAM.634 704



## S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

## Feedback Analysis Report 2016-2017 (M.Tech.)

Students	12
Alumni	5
Faculty	11



PRINCIPAL COLLEGE
S.R.K.R. ENGS. College
BHIMAVARAM. 034 204.

Head of the Department

Read of the Department of Computer Science & Engineering S.R.K.B. Engineering College SHIMAVARAM-534 204 A.B. HOLLA

(AFFILIATED TO JNTUK, KAKINADA) (RECOGNISED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI) Accredited by NAAC with 'A' Grade

Recognised as Scientific and Industrial Research Organisation

CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204

Dr. G. P. Saradhi Varma

B.Tech.(CSE), M.Tech.(CSE), Ph.D.(CSE).

PRINCIPAL



Phones: Off: EPABX:08816-223332 Ext.201

Date: 08.07.2017

Direct:08816-222748 Fax:08816-224516

College Fax:08816-229377

Mobile No.98483 81818 Email: principal@srkrec.ac.in principalsrkrec@gmail.com

gpsvarma@gmail.com WebSite: www.srkrec.ac.in

SRKREC/BOS-1/CSE/2017-18

To Prof. M. Shashi Professor, Dept. of CS&SE AU College of Engineering Andhra University Visakhapatnam - 530 003

Dear Sir,

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies will be held on 16.07.2017 at 11-00 A.M in A.C. Auditorium.

The Boards of Studies meetings will be conducted in respective departments as per the schedule mentioned below:

S.No.	BOARD	DATE	TIME
1	Civil Engineering	16-07-2017	2.00 P.M
2	Computer Science & Engineering	16-07-2017	2.00 P.M
3	Electronics & Communication Engineering	16-07-2017	2.00 P.M
4	Electrical & Electronics Engineering	16-07-2017	2.00 P.M
5	Information Technology	16-07-2017	2.00 P.M
6	Mechanical Engineering	16-07-2017	2.00 P.M
7	Combined Board of Studies in Engineering Chemistry/Engineering Mathematics/Engineering Physics / Humanities and Social Sciences	16-07-2017	2.00 P.M

The T.A / D.A. will be paid to all the external members as per the university guidelines. We request you to make it convenient to attend the meetings.

> PRINCIPAL S.R.K.R. Engineering Cotte

(Autonomous) China Amiram, Bhimavarai

Yours faithfully. G.P.s\_2. u

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PRINCIPAL



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College Fax:08816-229377 Mobile No.98483 81818

Email: principal@srkrec.ac.in principalsrkrec@gmail.com gpsvarma@gmail.com WebSite: www.srkrec.ac.in

Date: 08.07.2017

SRKREC/BOS-1/CSE/2017-18

To Prof P. Suresh Varma Professor Department of CSE Adikavi Nannayya University Rajahmundry-533296

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies will be held on 16.07.2017 at 11-00 A.M in A.C. Auditorium.

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S.R.K.R. Engineering C

(Autonomous China Amiram, Bhimavara Yours faithfully,

G.P.s\_l. u

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WebSite: www.srkrec.ac.in

SRKREC/BOS-1/CSE/2017-18

To Sri Raju Alluri Manager, Netenrich Hyderabad.

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

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S.R.K.R. Engineering Colle (Autonomou

China Amiram, Bhimay

Yours faithfully,

PRINCIPAL

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gpsvarma@gmail.com WebSite: www.srkrec.ac.in

SRKREC/BOS-1/CSE/2017-18

To Ms. Vani Vegesna Scientist 'G' ADA-Aeronautical Development Agency Bangalore

Date: 08.07.2017

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies will be held on 16.07.2017 at 11-00 A.M in A.C. Auditorium.

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S.R.K.R. Engineering Coffe

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Yours faithfully,

G.P.s\_l. u

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WebSite: www.srkrec.ac.in

SRKREC/BOS-1/CSE/2017-18

To Ms. Vani Vegesna Scientist 'G' ADA-Aeronautical Development Agency Bangalore

Dear Madam.

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PRINCIPAL

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Yours faithfully,

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WebSite: www.srkrec.ac.in

SRKREC/BOS-1/CSE/2017-18

To Sri Ponnamanda .C. Varma Senior Manager VistaralT Hyderabad

Dear Madam.

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China Amiram, Bhimava

Yours faithfully,

PRINCIPAL



# SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A) CHINNA AMIRAM:: BHIMAVARAM-534204 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt: 7-7-2017

### **CIRCULAR**

This is to inform you that the Board of Studies meeting of department of Computer Science & Engineering will be held on 16-7-2017 at 2.00 P.M. in Software Lab-1. In this connection, all the Board of Studies members are requested to attend the same.

#### Agenda:

- 1. Discussion and finalization of scheme of instructions and syllabus for B.Tech. (1-1 & 1-2), M.Tech. (1-1 & 1-2) for the academic year 2017-2018.
- 2. Any other issues related to the scheme of instructions & syllabus

Head of the Department

C.C to:

- 1. The Members of the Board of Studies
- 2. Office file

Semputer Science & Engineering S.R.K.R. Engineering College BHIMAVARAM-534 204, A.P., INDI-

PRINCIPAL S.R.K.R. Engg. College BHIMAVARAM-534 204.

Dagapall. de je

pt 16-07-2017
department of ass under Tass Ale
department of est under JNTO Autonomus Scheme is
held today at 2:00 pm in software lab-7 of CSE
GEPAITHER.
hottorin 81 - \$1 0.5 0 - (Q1) 1507 100 book 1000 500 500
Agenda 1: Discussion and finalization of Scheme of
instructions and syllabus for Blech (1-18,1-2)
instructions and syllabus for Blech (1-1 & 1-2),  Mech (1-1 & 1-2) for the acedemic year (2017-18)
V == (2014-18)
2: Any other insues orelated to the scheme of
2: Any other insues related to the scheme of instructions & Syllabus
The following members are present.
1. Dr. W. V. Ramene San Ature
The following members are present.  1. Dr. W. V. Ramene  2. G. V. Padma Rain  Aldu h
3. Prot. P. Sweet Varma
4. RASO S. R. ALLURS JOSEPH 1617/13
5. Dr. G. MAGIESH & malling
6. DV K V KRISHWAN RAW IL V K LIN
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9. 1. Ragha veni
10.
11 D. Ravi Boby Das
12 1. Dilipkomar Val.
13. D. Hemalather Oh
IH. IL. SPAVANT Jean
15 B. Sureesha
16. P. Saroja Pringapall Medi
Head of the Department  Head of the Department  Computer Sceince ering Cullege  Computer Sceince ering A.P., INDIA  S.R.K.R. Engl. S.A. A.P., INDIA  S.R.K.R. ARAM. 534 204, A.P., INDIA
Head of the Department of the College College Computer Sceince College College Computer Script College Col
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#### **ANNEXURE-1**

With the reference of Board of Studies meeting dated 16-7-2017,

**Resolution 1:** Discussed the scheme and syllabus and suggested modifications are incorporated

**Resolution 2:** Finalized the scheme of instructions and syllabus for the  $1^{st}$  year  $1^{st}$  semester and  $2^{nd}$  semester of R17 B.Tech. (CSE) and M.Tech. (CSE) of 2017-2018 admitted batch after analyzing the stakeholders feedback

B.Tech. R17 Regulation 1st year 1st and 2nd Semester Schemes



## SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS) [Arthland to DITUK, Kaidnada, Oleroguise: 25 All/TE, Non Dellift

Accredites by N.A.I. with 'A. Grade Recognised as Scientific and Industrial Research Enganisation CHINNA AMIRAM (P.O.): BHIMAVARAM : W.G.Dt., A.P., INDIA : PIN: 554-204

# SCHEME OF INSTRUCTION & EXAMINATION (Regulation R17) I/IV B.TECH (With effect from 2017-2018 Admitted Batch onwards) Under Choice Based Credit System GROUP-B (CSE, ECE & IT) I-SEMESTER

Code No.	Name of the Subject	Credits	Lecture Hrs	Tutori al Hrs	Lab	Contact Hrs/ Week	Internal Marks	External Marks	Total Marks
B17 BS 1101	English - i*	3	3	1	12	4	30	70	100
B17 BS 1102	Mathematics - i*	3	3	1		4	30	70	100
B17 BS 1103	Mathematics-II	3	3	1		4	30	70	100
B17 BS 1104	Engineering Physics	3	3	1	-	4	30	70	100
BIJ CS HOI	Computer Programming Using C	3	3	1		4	30	70	100
B17 CE	Environmental Studies *	2	2	1		3	30	70	100
B17 BS	Engineering Physics Lab	2			3	3	50	50	100
B17-BS 1108	English Communication Skills Lab — 1.7	2			3	3	50	50	100
# DL1	Department Lab	2	**		3	3	50	50	100
B17-BS	Engineering Physics Virtual Labs- Assignments		**		2	2	6		
817 BS 1112	NEC				2	2	l tra		142
	Total	23	17	6	13	36	330	570	900

\* Common to both Group - A and Group - B

#DL 1 CSE & IT B17 CS 1102 C Programming Lab & Hardware Fundamentals

ECE B17 CS 1103 C Programming Lab

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\*Subjects highlighted in green colour are newly added subjects and subjects highlighted in yellow colour are revised subjects

PRINCIPAL

B.R.K.R. ENGS. College

S.R.K.R. ENGS. 334 204.

# SCHEME OF INSTRUCTION & EXAMINATION (Regulation R17)

#### I/IV B.TECH

(With effect from 2017-2018 Admitted Batch onwards)
Under Choice Based Credit System

## GROUP-B ( CSE, ECE & IT) II-SEMESTER

Code No.	Name of the Subject	Credits	Lecture Hrs	Tutorial Hrs	Lab Hrs	Contact Hrs/ Week	Internal Marks	External Marks	Total Marks
B17 BS 1201	English - II*	3	3	1	-12	4	30	70	100
B17 BS 1203	Mathematics - III*	3	3	1	4-	4	30	70	100
B17 BS 1205	Engineering Chemistry	3	3	ı		4	30	70	100
B17 ME 1201	Engineering Drawing	3	1		3	4	30	70	100
# DS 2	Department Subject	3	3	1	**	4	30	70	100
# DS 3	Department Subject	3	3	1		4	30	70	100
B17 BS 1207	Engineering Chemistry Lab	2		-	3	3	50	50	100
B17 BS 1208	English Communication Skills Lab – 11*	2	-	144	3	3	50	50	100
#DL2	Department Lab	2	-22	-	3	3	50	50	100
B17 BS 1212	Inner Engineering		4		2	2		544	-
	Total	24	16	5	14	35	330	570	900

#### \* Common to both Group - A and Group - B

# DS 2	CSE & IT	B17 CS 1202	Object Oriented Programming Through C+
* 032	ECE	B17 CS 1203	Data Structures
#DS 3	CSE & IT	B17 EC 1201	Elements of Electronics Engineering
#D3 3	ECE	B17 EE 1203	Elements of Electrical Engineering
#DL2	CSE & IT	B17 CS 1205	Object Oriented Programming Lab
#DC2	ECE	B17 BS 1209	Engineering Workshop & IT Workshop

71

#### M.Tech. R17 Regulation 1st year 1st and 2nd Semester Schemes



SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS)

PAlfilliated to INTUK, Kasinada), (Recognised by AlCUTI, New Delhi)

Accredited by NAAC with, A Grade

Recognised as Scientific and Industrial Research Organisation

CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.DL, A.P., INDIA :: PIN: 534-204

#### SCHEME OF INSTRUCTION & EXAMINATION (Regulation R17)

M.TECH. (COMPUTER SCIENCE & TECHNOLOGY)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(With effect from 2017-2018Admitted Batch onwards)

Under Choice Based Credit System

#### I-SEMESTER

Code No.	Name of the Subject	Credits	Lec- ture Hrs	Tutorial Hrs	Lab Hrs	Contact Hrs/ Week	Internal Marks	External Marks	Total Mark
MIZEST 1101	Advanced Data structures and Algorithm Analysis	3	3	ı	77/	4	30	70	100
M17-CST 1102 Mathematical Foundations of Computer Science		3	3			4	30	70	100
M17 CST 1103	Computer Organization and Architecture	3	3	ī		4	30	70	100
MIZEST 1104	Database Management Systems	3	3	ı		4	30	70	100
M17 CST 1105	Advanced Operating Systems	3	3	1	**	4	30	70	100
M17 CST 1106	Data Warehousing and Data Mining	3	3	1		4	30	70	100
MI7 CST 1107	CST-LAB-1	2	-		3	3	50	50	100
M17 CST 1108	CST LAB-2	-		-	3	3			
	Total	20	18	6	6	30	230	470	700

\*- Audit Course

NRUL

P. Magazall de je

## SCHEME OF INSTRUCTION & EXAMINATION (Regulation R17)

# M.TECH. (COMPUTER SCIENCE & TECHNOLOGY) DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (With effect from 2017-2018Admitted Batch onwards)

Under Choice Based Credit System

#### II-SEMESTER

Code No.	Name of the Subject	Credits	Lec- ture Hrs	Tutorial Hrs	Lab Hrs	Contact Hrs/ Week	Internal Marks	External Marks	Total Marks
MI7CST 1201	Cyber Security	3	3	1		4	30	70	100
M17CST 1202	Computer Networks	3	3	1		4	30	70	100
M17CST 1203	Big Data Analytics	3	3	1		4	30	70	100
M17CST 1204	Machine Learning	3	3	1		4	30	70	100
#ELE-I	Elective-I	3	3	1	***	4	30	70	100
#ELE-2	Elective-II	3	3	1		4	30	70	100
M17CST 1213	CST LAB 3	2	122	-	3	3	50	50	100
M17CST 1214	CST LAB 4			-	3	3	*	-	
	Total	20	18	6	6	30	230	470	700

	Course Code	Course
	M17CST 1205	Software Engineering
# ELE-1	M17CST 1206	Artificial Intelligence
LULT	M17CST 1207	Compiler Design
	M17CST 1208	Embedded Systems
	M17CST 1209	Image Processing
# ELE-2	M17CST 1210	Parallel Algorithms
* LLL-2	M17CST-1211	Cloud Computing
	M17CST 1212	Mobile Computing

\*Audit Course

NRUAS

H. Magapall Wiji

S.R.K.R. Engg. College BHIMAYARAM-834 294.

The modifications were done based on suggestions from various stakeholders

Feedback on the B.Tech. curriculum is obtained from students, employers, faculty, and alumni. We have received feedback from around 112 members.

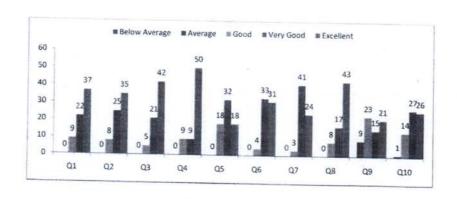


### S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

### Feedback Analysis Report 2016-2017 (B.Tech.)

#### Student Feedback

Q No	Q1	Q2	Q3	Q4	Q5	Q6	Q7	00	00	0.40
Below					- Qu	Q0	Q/	Q8	Q9	Q10
Average	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	9	0
Good	9	8	5	9	18	1	3		-	1
Very Good	22	25	21	0		7		8	23	14
Excellent				,	32	33	41	17	15	27
	37	35	42	50	18	31	24	43	21	26
TOTAL	68	68	68	68	68	68	68	68	68	60



P. Dagapalli de je

S.R.K.R. Engg. College S.R.K.R. Engg. College WP-L-H Head of the Department

Head of the Department of Computer Science & Engineering S.R.K.R. Engineering College 8HIMAVARAM-634 204, A.P. INDIA

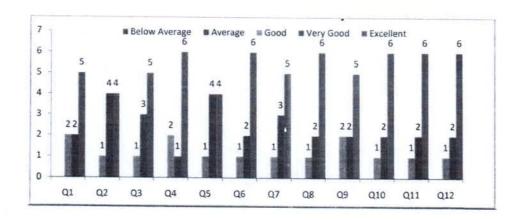


## S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

#### Feedback Analysis Report 2016-2017 (B.Tech.)

#### Alumni Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	06	Q7	08	Q9	010	011	Q12
Below Average	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	0	0	0	0
Good	2	1	1	2	1	1	1	1	2	1	1	1
Very Good	2	4	3	1	4	2	3	2	2	2	2	2
Excellent	5	4	5	6	4	6	5	6	5	6	6	6
TOTAL	9	9	9	9	9	9	9	9	9	9	9	9



S.R.K.R. Engl. College
S.R.K.R. AVARAM. 994 294.

NRL H Head of the Department

Head of the Department of Computer Science & Engineering S.R.K. Engineering College HIMAVARAM. 534 204. A.P. INC.

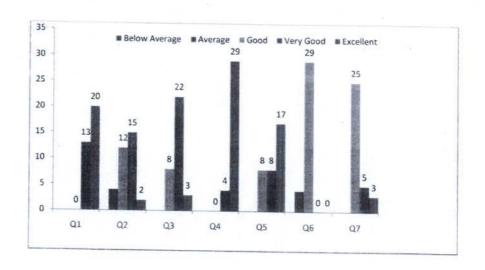


# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

## Feedback Analysis Report 2016-2017 (B.Tech.)

#### Faculty Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7
Below Average	0	0	0	0	0	0	0
Average	0	4	0	0	0	4	0
Good	0	12	8	0	8	29	25
Very Good	13	15	22	4	8	0	5
Excellent	20	2	3	29	17	0	3
TOTAL	33	33	33	33	33	33	33



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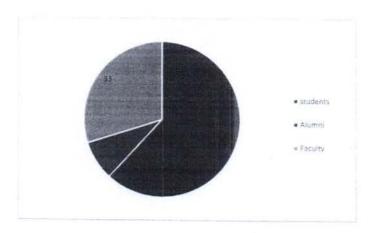
S.R.K.R. ENGG. College SHIMAVARAM-534 284. Head of the Department

Pred of the Department at Computer Science & Engineering S,R.K. R. Engineering College RHMAYARAM-S34 204, A.P. INDI.



#### Feedback Analysis Report 2016-2017 (B.Tech.)

Students	68	1
Alumni	9	-
Faculty	33	



P. Magapall de je

S.R.K.R. Engg. College BHIMAVARAM-534 20. NPM As

Head of the Department

Read of the Department of Computer Science & Engineer 5,8 & 8, Engineering College BHILEAVARIANI 634 204, A.P. IN Feedback on the M.Tech. curriculum is obtained from students, employers, faculty and alumni. We have received feedback from around 30 members.

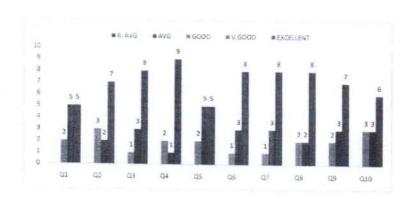


#### S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

#### Feedback Analysis Report 2016-2017 (M.Tech.)

#### Student Feedback

Q.NO	Q1	Q2	03	Q4	Q5	06	07	Q8	09	Q10
B. AVG	0	0	0	0	0	0	0	0	0	QIO
AVG	0	0	0	0	0	0	0	0	0	0
GOOD	2	3	1	2	2	1	1	2	2	2
V.GOOD	5	2	3	1	5	3	2	2	2	3
EXCELLENT	5	7	8	9	5	8	0	0	7	3
TOTAL	12	12	12	12	12	12	12	12	12	12



Head of the Department

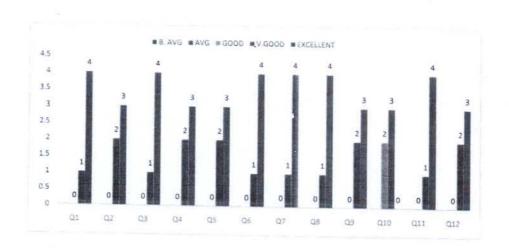
Read of the Department of Semputer Science & Engineering S, R.K.R. Engineering College NUMAVARAMADA 204, A.P. IN



#### Feedback Analysis Report 2016-2017 (M.Tech.)

#### Alumni Feedback

Q.NO	Q1	02	Q3	Q4	Q5	Q6	07	08	09	Q10	011	040
B. AVG	0	0	0	0	0	0	0	0	0	QIO	Q11	Q12
AVG	0	0	0	0	0	0	0	0	0	0	0	0
GOOD	0	0	0	0	0	0	0	0	0	0	0	0
V.GOOD	1	2	1	2	2	1	1	0	0	2	0	0
EXCELLENT	4	3	4	3	2	4	1	1	- 4	3	1	2
TOTAL	5	5	5		5	4	4	4	3	0	4	3
	.,	3	3	5	5	5	5	- 5	5	5	5	5



PRINCIPAL S.R.K.R. ENSG. College BHIMAVARAM-534 204.

NPM Ls Head of the Department

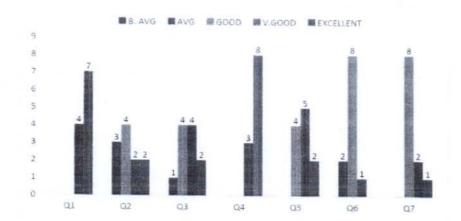
Plead of the Department of Computer Science & Engineering S.R.K.B. Engineering Cotlege SHIMAVARAM-534 204, A.P., INDI-



#### Feedback Analysis Report 2016-2017 (M.Tech.)

#### **Faculty Feedback**

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7
B. AVG	0	0	0	0	0	0	0
AVG	0	3	1	0	0	2	0
GOOD	0	4	4	0	4	8	8
V.GOOD	4	2	4	3	5	1	2
EXCELLENT	7	2	2	8	2	0	1
TOTAL	11	11	11	11	11	11	11



Head of the Department

Boad of the Department of Semputer Science & Engineering S.R.K.R. Engineering Collection Collection

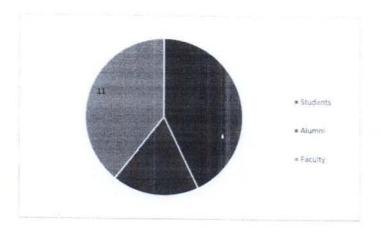
P. Magazall. Dej

PRINCIPAL S.R.K.R. Engs. College BHIMAVARAM-534 204.



#### Feedback Analysis Report 2016-2017 (M.Tech.)

Students	12
Alumni	5
Faculty	11



P. Jagapall. de je

S.R.K.R. Enss. College BHIMAVARAM-534 204 Head of the Department

Bead of the Department of Computer Science & Engineering S.R.K.R. Engineering College SHIMAVARAM 532 2010 A.D. DOLLAR

(AFFILIATED TO JUTU KAKINADA, KAKINADA) RECOGNISED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI)

Accredited by NAAC with 'A' Grade

Recognised as Scientific and Industrial Research Organisation CHINNA AMIRAM (P.O) :: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204

Phones: Off: EPABX: 08816-223332 Ext.201 Direct: 08816-222748

Fax: 08816-224516 College Fax: 08816-229377

Mobile No : 98483 81818 Email: gpsvarma@gmail.com

principalsrkrec@gmail.com principal@srkrec.ac.in

Website: www.srkrec.ac.in

Date: 30.04.2018

Dr.G.P.Saradhi Varma

B.Tech (CSE), M.Tech (CSE), Ph.D (CSE)

PRINCIPAL



SRKREC/BOS-2/CSE/2017-18

To Dr. K.V. Ramana Professor, Dept. of CSE University College of Engineering Kakinada JNTUK, Kakinada.

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies meeting will be held on 08.05.2018 at 11-00 A.M in A.C. Auditorium.

We request you to kindly attend the meeting and give your expert advice in designing the curriculum to maintain quality in academics.

The Boards of Studies meetings will be conducted in respective departments as per the schedule mentioned below:

S.No.	BOARD	DATE	TITE-
1	Civil Engineering	DATE	TIME
2	Computer Science 2 F :	08-05-2018	2.00 P.N
3	Computer Science & Engineering	08-05-2018	2.00 P.N
3	Electronics & Communication Engineering	08-05-2018	2.00 P.N
4	Electrical & Electronics Engineering	08-05-2018	Control of the Contro
5	Information Technology		2.00 P.N
6	Mechanical Engineering	08-05-2018	2.00 P.N
7	Combined Band S	08-05-2018	2.00 P.N
	Combined Board of Studies in Engineering Chemistry/Engineering Mathematics/Engineering Physics / Humanities and Social Sciences	08-05-2018	2.00 P.N

The T.A / D.A. will be paid to all the external members as per the university guidelines. We request you to make it convenient to attend the meetings.

> S.R.K.R. Engineering (Autonomotis) Pin

> China Amiram, Bhimavaran 3540

Yours faithfully.

PRINCIPAL

S.R.K.R. Engg. College BHIMAVARAMESSA 30+.

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Date: 30.04.2018

Direct : 08816-222748

Fax: 08816-224516 College Fax: 08816-229377

Mobile No: 98483 81818 Email: gpsvarma@gmail.com principalsrkrec@gmail.com

principal@srkrec.ac.in Website: www.srkrec.ac.in

Dr.G.P.Saradhi Varma

B.Tech (CSE), M.Tech (CSE), Ph.D (CSE)

PRINCIPAL



SRKREC/BOS-2/CSE/2017-18

To Prof P. Suresh Varma Professor Department of CSE Adikavi Nannayya University Rajahmundry-533296

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies meeting will be held on 08.05.2018 at 11-00 A.M in A.C. Auditorium.

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S.No.	BOARD	DATE	T1885
1	Civil Engineering		TIME
2	Computer Science 9 5	08-05-2018	2.00 P.N
3	Computer Science & Engineering	08-05-2018	2.00 P.N
	Electronics & Communication Engineering	08-05-2018	2.00 P.N
4	Electrical & Electronics Engineering	08-05-2018	2.00 P.N
5	Information Technology		
6	Mechanical Engineering	08-05-2018	2.00 P.N
7	Combined Board of Ct !!	08-05-2018	2.00 P.N
	Combined Board of Studies in Engineering Chemistry/Engineering Mathematics/Engineering Physics / Humaníties and Social Sciences	08-05-2018	2.00 P.N

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S.R.K.R. Engineering (Autonomous).
China Amiram, Bhimavaram.5

Yours faithfully,

PRINCIPAL
PRINCIPAL
S.R.K.R. Engg. College
8HTMAVARAM-534 204

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College Fax : 08816-229377 Mobile No : 98483 81818

Email: gpsvarma@gmail.com principalsrkrec@gmail.com

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principal@srkrec.ac.in Website: www.srkrec.ac.in

Dr.G.P.Saradhi Varma

B. Tech (CSE), M. Tech (CSE), Ph.D (CSE)

PRINCIPAL



SRKREC/BOS-2/CSE/2017-18

To Sri Ponnamanda .C. Varma Senior Manager Vistara IT Hyderabad.

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies meeting will be held on 08.05.2018 at 11-00 A.M in A.C. Auditorium.

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S.R.K.R. Engine and C. (Autonomic usa)201

China Amiram, Bhimavaram-

Yours faithfully,

PRINCIPAL

PRINCIPAL S.R.K.R. Engg. College BHIMAVARAM-534 204

(AFFILIATED TO JUTU KAKINADA, KAKINADA) (RECOGNISED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI) Accredited by NAAC with 'A' Grade

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Dr.G.P.Saradhi Varma

B.Tech (CSE), M.Tech (CSE), Ph.D (CSE)

PRINCIPAL



SRKREC/BOS-2/CSE/2017-18

To Prof. M. Shashi Professor, Dept. of CS&SE AU College of Engineering Andhra University Visakhapatnam - 530 003.

Dear Madam.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies meeting will be held on 08.05.2018 at 11-00 A.M in A.C. Auditorium.

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S.R.K.R. Engineering Colle

(Autonomo (A) 5321 2 China Amiram, Ehimavaram, 534 204 Yours faithfully,

PRINCIPAL

PRINCIPAL S.R.K.R. Engg. College RHIMAVARAM-53+204

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Dr.G.P.Saradhi Varma

B.Tech (CSE), M.Tech (CSE), Ph.D (CSE)

PRINCIPAL



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Mobile No: 98483 81818 Email: gpsvarma@gmail.com principalsrkrec@gmail.com

principal@srkrec.ac.in Website: www.srkrec.ac.in

SRKREC/BOS-2/CSE/2017-18

Date: 30.04.2018

To Prof. P.S. Avadhani Principal AU College of Engineering Andhra University Visakhapatnam - 530 003.

Dear Sir.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies meeting will be held on 08.05.2018 at 11-00 A.M in A.C. Auditorium.

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S.R.K.R. Engineering Cathers (Autonomous P. (Autonomous P. China Amiram, Bhimavaram 534,204) Yours faithfully,

PRINCIPAL
PRINCIPAL
S.R.K.R. Engg. College
asiniavaram-534 204

(AFFILIATED TO JUTU KAKINADA, KAKINADA) (RECOGNISED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI) Accredited by NAAC with 'A' Grade

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Website: www.srkrec.ac.in

Dr.G.P.Saradhi Varma

B.Tech (CSE), M.Tech (CSE), Ph.D (CSE)

PRINCIPAL.



SRKREC/BOS-2/CSE/2017-18

Ms. Vani Vegesna Scientist 'G' ADA-Aeronautical Development Agency Bangalore

Dear Madam.

Sub: S.R.K.R. Engineering College-Board of Studies Meeting-Invitation-Regarding

We wish to inform you that the meeting of the Joint Board of Studies meeting will be held on 08.05.2018 at 11-00 A.M in A.C. Auditorium.

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(Autonoma)

China Amiram, Bhimavaraine

S.R.K.R. Engineer

Yours faithfully.

PRINCIPAL

PRINCIPAL S.R.K.R. Engg College BHIMAVARAM-534 204



# SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A) CHINNA AMIRAM:: BHIMAVARAM-534204 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt: 28-4-2018

#### **CIRCULAR**

This is to inform you that the Board of Studies meeting of department of Computer Science & Engineering will be held on 8-5-2018 at 2.00 P.M. in CAB-201 seminar hall. In this connection, all the Board of Studies members are requested to attend the same.

#### Agenda:

- 1. Approval of R-16 ¾ B.Tech. (CSE) 1<sup>st</sup> semester and 2<sup>nd</sup> semester syllabus for the academic year 2018-2019.
- 2. Approval of R-17 2/4 B.Tech. (CSE) 1<sup>st</sup> semester and 2<sup>nd</sup> semester syllabus for the academic year 2018-2019.
- 3. Any other related issues

1. The Members of the Board of Studies

Head of the Department

Read of the Department of

2. Office file

C.C to:

S.R.K.R. Engineering College

BHIMAVARAM-534 204, A.P. INDIF

H. Magapall. Digi

S.R.K.R. ENGS. COILEGE BHIMAVARAM-534 204.

730 (0113 16)
DATE: 08-05-2018
A meeting of Board Studies of the dest.
of CSE ander Autonomous Scheme (AU)
is held today at in CAB-201 seminar
Hall of CSE department.
ON STREET STREET STREET
Agenda:
1. Approval of 3/4 B. TECH. (CSE) Syllabus
1. Approval of 3/4 B. TECH. (CSE) Syllabus for 18+ Sum and 2nd Sem 2018-19. R-16
All and the latest the second of the second
2- Any other Issued related to see Syllabus.
The following members are present:
SINO. NAME OF THE MEMBER SIGNATURE
1. Dr. K.V. Ramana GROmeno
2. Prof. P. Swish Vaina 15
3. P. C. Varme party
h;
J. DV K V KRIFHMAN AN K V K
OEDIG. MAHESH Co-mahum.
T-
8 N. Charde Seulen Ser
9 S. Surya narayana Rope Claylan
10 CH. Reprod varing Ey
(Dy Auni). (Dy Aun
12 V. Bilipkomar. V. Silipha.
13 K.V.S.S. MURTHY KNSAL
14 BNV Narasinha Rep & D
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DATE: 08-05-2018

A meeting of Board of Studies of the de partment of CSE under Autonomous scheme Contak) is held to day at 4 PM in CAB-201. Semichar 1201 of CSE department.

AGENDA:

1. Approval of 2/4 B. TECH. (CSE) syllabus
R-17 segulation for 1st som and 2nd som.

2. Any another related classes. The following recombers are prepent

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### Resolutions:

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1. RIT Second year sight about is designed by taking stakeholders feed back into Account.

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#### **ANNEXURE-1**

With reference of Board of Studies meeting dated 8-5-2018,

Resolution 1: Finalized the scheme of instructions and syllabus for the 3<sup>rd</sup> year 1<sup>st</sup> semester and 2<sup>nd</sup> semester of R16 B.Tech. (CSE)



SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS)

(Affiliated to Andhra University, Visakhapatinam), (Recognised by AICTE, New Delhi)

Accredited by NAAC with 'A' Urade

Recognised as Scientific and Industrial Research Organisation

CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534-204

#### SCHEME OF INSTRUCTION & EXAMINATION

(Regulation R16)
(Regulation R16)
III/IV B.TECH
(With effect from 2016-2017 Admitted Batch onwards)
Under Choice Based Credit System
COMPUTER SCIENCE AND ENGINEERING
1-SEMESTER

Code No.	Course	Credits	Lecture Hrs	Tutorial Hrs	Lab Hrs	Total Contact Hrs/We ek	Session al Marks	Exam Marks	Total Marks
B16 CS 3101	Computer Networks	4	3	Ē		4	30	70	100
B16 CS 3102	Web Technologies	4	3	1.		4	30	70	100
B16 CS 3103	Formal Languages & Automata Theory	4	3	t	-	4	30	70	100
B16 CS 3104	Database Management Systems	4	3	1		4	30	70	100
#ELE-I	Elective-I	4	3	1		4	30	70	100
B16 CS 3110	Database Management Systems Lab.	2			3	3	50	50	100
B16 CS 3111	Application Development Lab.	2	-		3	3	50	50	100
B16 ENG 3102	Verbal & Quantitative Aptitude-I	2	5		**	5	100		100
#M-I	MOOCS-I	2	4			4	100		100
#M-II	MOOCS-II	2	4			4	100		100
	Total	30	28	5	6	39	550	450	1000

	B16 CS 3105	Embedded Systems
#ELE-I	B16 CS 3106	Bio-Informatics
WELLE-1	B16 CS 3107	Image Processing
	B16 CS 3108	Application Development Using Java
	B16 ENG 3104	Advanced Coding
HAT I	B16 CS 3112A	Digital Image Processing
BI6 CS	B16 CS 3112B	E-Business
	B16 CS 3112C	Introduction to parallel Programming in Open MP
	B16 CS 3113A	Social Networks
#M-II	B16 CS 3113B	Introduction to Internet of Things
#WI-II	B16 CS 3113C	Block chain Architecture Design and Use Cases
	B16 CS 3113D	Introduction to R Software

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\*Subjects highlighted in green colour are newly added subjects and subjects highlighted in yellow colour are revised subjects

#### SCHEME OF INSTRUCTION & EXAMINATION (Regulation R16)

HI/IV B.TECH
(With effect from 2016-2017 Admitted Batch onwards)
Under Choice Based Credit System

### COMPUTER SCIENCE AND ENGINEERING II-SEMESTER

Code No.	Course	Credits	Lecture Hrs	Tutorial Hrs	Lab Hrs	Total Contact Hrs/Week	Sessional Marks	Exam Marks	Total Mark
B16 CS 3201	Data Warehousing & Data Mining	4	3	1	-	4	30	70	100
B16 CS 3202	Object Oriented Software Engineering	4	3	1	722	4	30	70	100
B16 CS 3203	Design and Analysis of Algorithms	4	3	1		4	30	70	100
B16 CS 3204	Compiler Design	4	3		144	4	30	70	100
B16 CS 3205	Artificial Intelligence	4	3	1 -	723	4	30	70	100
#ELE-II	Elective-II	4	3	1	-	4	30	70	
B16 CS 3213	Software Engineering Mini Project Lab	2		-	3	3	50	50	100
B16 CS 3214	Network Programming Lab	2		-45	3	3	50	50	100
B16-ENG 3202	Verbal & Quantitative Aptitude-H	2	5	4		5	100	-	100
#M-III	MOOCS-III	2	4			4	100		100
	Total	32	27	6	6	39	480	520	1000

	B46CS3206	Cloud Computing
#ELE-II	B16CS3207	Mobile Computing
Transfer at	B16CS3208	Distributed Systems
	B16CS3209	Advanced Computer Architecture
	B16 ENG 3205	Competitive Coding
#M-III	B16CS3215A	AngularJS
10.14-111	B16CS3215B	ASPINET
	B16CS3215C	C#NET & VB.NET

39

Resolution 2: R17 second year syllabus is designed by taking stakeholders feedback into account



# SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS) (Affillated as INTUK, Kakinada), (Recognised by AICTE, New Delhl) Accredited by NAAC with: 'A' Grade Recognised as Scientific and Industrial Research Organisation CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204 SCHEME OF INSTRUCTION & EXAMINATION (Regulation R 17) (Regulation R17)

#### II/IV B.TECH

(With effect from 2017-2018 Admitted Batch onwards)

#### COMPUTER SCIENCE AND ENGINEERING I-SEMESTER

Code No.	Course	Credits	Lecture Hrs	Tutorial Hrs	Lab Hrs	Total Contact Hrs/Week	Sessional Marks	Exam Marks	Total Marks
B17 CS 2101	Data Structures	3	3	ī	(++)	4	30	70	100
B17 BS 2402	Probability, Statistics and Queuing Theory	3	3	1		4	30	70	100
B17 BS 2103	Discrete Mathematical Structures	3	3	1		4	30	70	100
B17 CS 2102	Computer Graphics	3	3	1		4	30	70	100
B17 CS 2103	Digital Logic Design	3	3	I		4	30	70	100
B17.68 2104	Data Analysis and Visualization using Python	3	3	1		4	30	70	100
B17 CS 2105	Data Structures Lab.	2			3	3	50	50	100
B17.CS 2106	Data Analysis and Visualization using Python Lab	2		122	3	3	50	50	100
B17CS 2107	Industry oriented Training: R Programming Lab	1	-		2	2	50		50
B17 BS 2107	English Proficiency-I		1	1	-	2		_	
	Total	23	19	7	8	34	330	520	850

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### SCHEME OF INSTRUCTION & EXAMINATION (Regulation R17)

## II/IV B.TECH (With effect from 2017-2018 Admitted Batch onwards)

#### COMPUTER SCIENCE AND ENGINEERING

#### II-SEMESTER

Code No.	Name of the Subject	Credits	re Hrs	Tutorial Hrs	Lab Hrs	Contact Hrs/ Week	Internal Marks	External Marks	Total Marks
B17 CS 2201	Computer Organization	3	3	1		4	30	70	100
B17 CS 2202	Operating Systems	3	3	1		4	30	70	100
B17 CS 2203	Microprocessors	3	3	1		4	30	70	100
B17 CS 2204	Data Communications	3	3	1		4	30	70	100
B17 CS 2205	Advanced Data Structures	3	3	1		4	30	70	100
B17 ME 2207	Operations Research	3	3	1	_	4	30	70	100
B17 CS 2206	Operating Systems & Unix programming Lab	2			3	3	50	50	100
B17 CS 2207	Digital Electronics & Microprocessors Lab	2			3	3	50	50	100
B17 CS 2208	Competitive Programming Lab	1			2	2	50		50
B17 BS 2204	Professional Ethics & Human Values		2			2			
B17 BS 2206	7 BS Contint P. C : II		1	1	-	2			
	Total	23	21	7	8	36	330	520	850

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Feedback on the B.Tech curriculum is obtained from students, employers, faculty and alumni. We have received feedback from around 112 members.

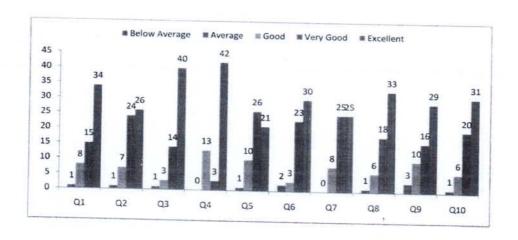


# S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

### Feedback Analysis Report 2017-2018 (B.Tech.)

#### Student Feedback

Q.No	Q1	Q2	Q3	Q4	Q5	Q6	07	00	-00	
Below		-	-	4.	QU	QU	Q7	Q8	Q9	Q10
Average	0	0	0	0	0	0	0	0	0	
Average	1	1	1	0	1	2	0	1	0	0
Good	8	7	3	13	10			1	3	1
Very Good		2.4			10	3	8	6	10	6
	15	24	14	3	26	23	25	18	16	20
Excellent	34	26	40	42	21	30	25	33		
TOTAL	58	58	58	58					29	31
		00	30	30	58	58	58	58	58	58



Head of the Department

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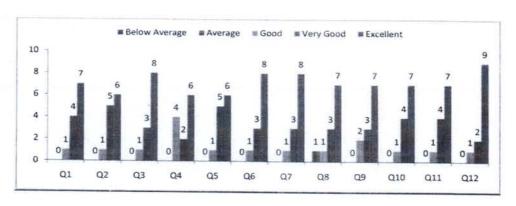
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#### Feedback Analysis Report 2017-2018 (B.Tech.)

#### Alumni Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Below Average	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	1	0	0	0	0
Good	1	1	1	4	1	1	1	1	2	1	1	1
Very Good	4	5	3	2	5	3	3	3	3	4	4	2
Excellent	7	6	8	6	6	8	8	7	7	7	7	9
TOTAL	12	12	12	12	12	12	12	12	12	12	12	12



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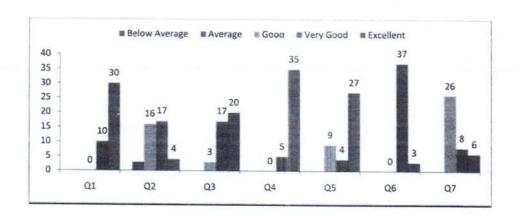
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#### Feedback Analysis Report 2017-2018 (B.Tech.)

#### Faculty Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7
Below Average	0	0	0	0	0	0	0
Average	0	3	0	0	0	0	0
Good	0	16	3	0	9	0	26
Very Good	10	17	17	5	4	37	8
Excellent	30	4	20	35	27	3	6
Total	40	40	40	40	40	40	40



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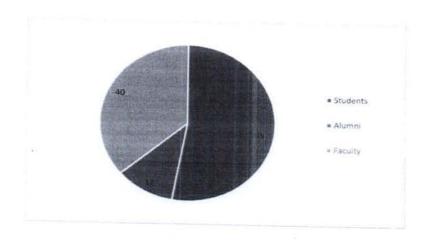
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### Feedback Analysis Report 2017-2018 (B.Tech.)

Students	58
Alumni	12
Faculty	40



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Computer Science & Engineering

S.B.S.R. Engineering College

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Feedback on the M.Tech curriculum is obtained from students, employers, faculty and alumni. We have received feedback from around 30 members.

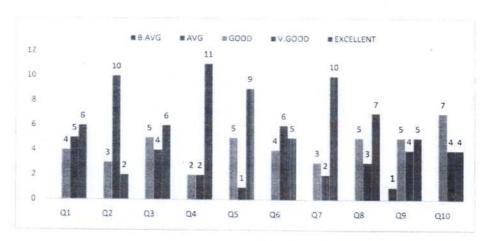


## S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM Department of Computer Science & Engineering

#### Feedback Analysis Report 2017-2018 (M.Tech.)

#### Student Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7	08	Q9	Q10
B.AVG	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0	0	1	0
GOOD	4	3	5	2	5	4	3	5	5	7
V.GOOD	5	10	4	2	1	6	2	3	4	1
EXCELLENT	6	2	6	11	9	5	10	7	5	1
TOTAL	15	15	15	15	15	15	15	15	15	15



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Head of the Department

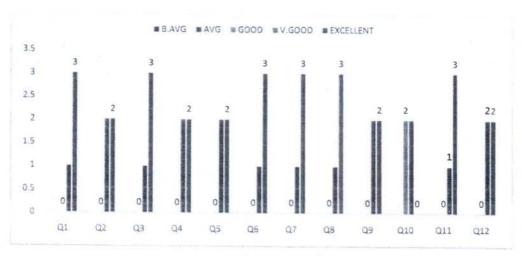
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#### Feedback Analysis Report 2017-2018 (M.Tech.)

#### Alumni Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	09	Q10	Q11	Q12
B.AVG	0	0	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0	0	0	0	0	0
GOOD	0	0	0	0	0	0	0	0	0	2	0	0
V.GOOD	1	2	1	2	2	1	1	1	2	2	1	2
EXCELLENT	3	2	3	2	2	3	3	3	2	0	3	2
TOTAL	4	4	4	4	4	4	4	4	4	4	4	1



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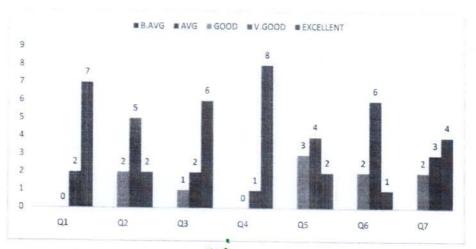
Head of the Department



### Feedback Analysis Report 2017-2018 (M.Tech.)

#### Faculty Feedback

Q.NO	Q1	Q2	Q3	Q4	Q5	Q6	07
B.AVG	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0
GOOD	0	2	1	0	3	2	2
V.GOOD	2	5	2	1	4	6	3
EXCELLEN T	7	2	6	8	2	1	4
TOTAL	9	9	9	9	9	9	9



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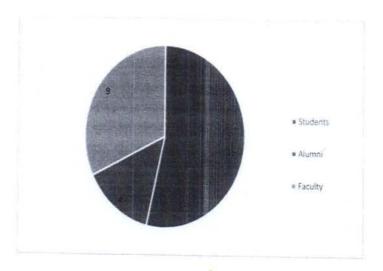
Head of the Department

Head of the Department of Computer Science & Engineering S.R.K.R. Engineering College



### Feedback Analysis Report 2017-2018 (M.Tech.)

Students	15
Alumni	4
Faculty	9



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Head of the Department

Head of the Department of