Approved by AICTE, New Delhi | Affiliated to JNTUK, Kakinada

Accredited with "A" Grade by NAAC

(Sponsored by GSR & KKR Educational Society, Repd No; 448/2007, dated: 15.10.2007, Registered under Society Registration act 35 of 2001)



KITS/CSE-AI/BOS/2020-21/01

Date: 09/04/2021

To

Dr. M H M Krishna Prasad, Professor, Dept. of Computer Science and Engineering, JNTUK-University College of Engineering Kakinada. Andhra Pradesh-533003

Respected Sir,

Sub: - Intimation for BOS-Meeting-Online mode-Reg.-Reg

It is our pleasure to invite you to the Board of Studies (BOS) meeting of the Department of Computer Science and Engineering – Artificial Intelligence (CSE-AI) will be held on 11th April, 2021 through online to finalize the course structure and syllabus with effect from the academic year 2020-21

Hence, I request you to please make it convenient to attend the BOS meeting on the above said date at 02.30 PM.

Thanking you,

Yours Sincerely

(Dr. K. Haribabu)

I/C Principal

PRINCIPAL
KKR & KSR Institute of Technology & Sciences
Vinianampadu, GUNTUR-17

Approved by AICTE, New Delhi | Affiliated to JNTUK, Kakinada





(Sponsored by GSR & KKR Educational Society, Regd No: 448/2007, dated: 15.10.2007, Registered under Society Registration act 35 of 2001)

KITS/CSE-AI/BOS/2020-21/02

Date: 09/04/2021

To

Dr R. B. V. Subramanyam, Professor, Dept of Computer Science and Engineering, National Institute of Technology – Warangal, Telangana-506304.

Respected Sir,

Sub: - Intimation for BOS-Meeting-Online mode-Reg.-Reg.

It is our pleasure to invite you to the Board of Studies (BOS) meeting of the Department of Computer Science and Engineering - Artificial Intelligence (CSE-AI) will be held on 11th April, 2021 through online to finalize the course structure and syllabus with effect from the academic year 2020-21

Hence, I request you to please make it convenient to attend the BOS meeting on the above said date at 02.30 PM.

Thanking you,

Yours Sincerely

(Dr. K. Haribabu)

I/C Principal

PRINCIPAL AAR & KSR Institute of Technology & Science: Vinjanampadu, GUNTUR-17

Vinjanampadu (V), Vatticherukur (M), Guntur - 522 017, Andhra Pradesh. Ph.: 0863 - 2286666, 77, 88, 99 | Fax: 0863 - 2286555. Web: www.kitsguntur.ac.in, e-mail: kitsgnt@gmail.com

Approved by AICTE, New Delhi | Affiliated to JNTUK, Kakinada

Accredited with "A" Grade by NAAC (Sponsored by GSR & KKR Educational Society, Regd No: 448/2007, dated: 15.10.2007, Registered under Society Registration act 35 of 2001)



KITS/CSE-AI/BOS/2020-21/03

Date: 09/04/2021

To

Dr. D. Rama Krishna, Assistant Professor, Dept. of Computer Science and Engineering. Indian Institute of Technology Tirupathi, Andhra Pradesh, India

Respected Sir,

Sub: - Intimation for BOS-Meeting-Online mode-Req.-Reg

It is our pleasure to invite you to the Board of Studies ( BOS ) meeting of the Department of Computer Science and Engineering - Artificial Intelligence (CSE-AI) will be held on 11th April, 2021 through online to finalize the course structure and syllabus with effect from the academic year 2020-21

Hence, I request you to please make it convenient to attend the BOS meeting on the above said date at 02.30 PM.

Thanking you,

Yours Sincerely

(Dr. K. Haribabu)

I/C Principal

\*LNR & KSR Institute of Technology & Sciences Vinjanampadu, GUNTUR-17

Approved by AICTE, New Delhi | Affiliated to JNTUK, Kakinada
Accredited with "A" Grade by NAAC



(Sponsored by GSR & KKR Educational Society. Regd No: 448/2007, dated: 15.10.2007, Registered under Society Registration act 35 of 2001)

KITS/CSE-AI/BOS/2020-21/04

Date: 09/04/2021

То

Mr. Prabhakar Rao Kotapati Head & Chief Operating Officer, Finac Plus, Hyderabad.

Respected Sir,

Sub: - Intimation for BOS-Meeting-Online mode-Req.-Reg

It is our pleasure to invite you to the Board of Studies (BOS) meeting of the Department of Computer Science and Engineering – Artificial Intelligence (CSE-AI) will be held on 11th April, 2021 through online to finalize the course structure and syllabus with effect from the academic year 2020-21

Hence, I request you to please make it convenient to attend the BOS meeting on the above said date at 02.30 PM.

Thanking you,

Yours Sincerely

L. Hani B

(Dr. K. Haribabu)

I/C Principal

PRINCIPAL

KAR & KSR Institute of Technology & ScienceVinjanampadu, GUNTUR-17

A A Se livering of Lecturation of Lecturation of A A South of the Control of the

Approved by AICTE, New Delhi | Affiliated to JNTUK, Kakinada Accredited with "A" Grade by NAAC



(Sponsored by GSR & KKR Educational Society, Regd No: 448/2007, dated: 15.10.2007, Registered under Society Registration act 35 of 2001)

#### KITS/CSE-AI/BOS/2020-21/05

Date: 09/04/2021

To

Mr. V K Sudhakar Yadlapalli Software Engineer, Dell Technologies, Hyderabad, Telangana

Dear V K Sudhakar Yadlapalli,

Sub: - Intimation for BOS-Meeting-Online mode-Req.-Reg

It is our pleasure to invite you to the Board of Studies (BOS) meeting of the Department of Computer Science and Engineering – Artificial Intelligence (CSE-AI) will be held on 11th April, 2021 through online to finalize the course structure and syllabus with effect from the academic year 2020-21

Hence, I request you to please make it convenient to attend the BOS meeting on the above said date at 02.30 PM.

Thanking you,

Sch Weinfing of Lechmology & State of Lechmo

Yours Sincerely

K-Hani Bal

(Dr. K. Haribabu)

I/C Principal

PRINCIPAL

KKR & KSR Institute of Technology & Science

Vinjanampadu, GUNTUR-17



(Approved by AICTE, New Delhi | Affiliated to JNTU, Kakinada| Accredited by NAAC with 'A' Grade & NBA)

Vinjanampadu, Guntur, Andhra Pradesh. INDIA -522 017.

### (AUTONOMOUS)

## **BOARD OF STUDIES (UG)**

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI)

C N-	S No. Name				
S. No	Name	Designation& Affiliation	Role		
1.	Dr. Gudipati Murali	Professor, Dept. of CSE, KITS, Guntur, AP.	Chairman		
2.	Prof. R Ramesh	Professor&HOD, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
3.	Dr M S S Sai	Professor, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
4	Dr Ch Aruna	Professor, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
5	Dr S V Appaji	Professor, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
6	Dr R V Kishor Kumar	Associate Professor, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
7	Dr G Dileep Kumar	Associate Professor, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
8	AV Raghva Rao	Associate Professor, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
9	A Sunitha	Assistant Professor, Dept. of CSE, KITS, Guntur, AP.	Internal Member		
10	Dr. M H M Krishna Prasad	Professor, Dept. of CSE, JNTUK-University College of Engineering Kakinada, Kakinada.	Subject Expert from JNTUK		
11	Prof. R.B.V. SUBRAMAANYAM	Professor in CSE & Chief Investigator E&ICT Academy –CSE, National Institute of Technology (NIT)-Warangal	Subject Expert-I		
12	Dr. G. Ramakrishna	Assistant Professor, Department of CSE IIT Tirupati	Subject Expert-II		
13	Mr. K. Prabhakar Rao	Vice President & Chief Operating Officer, FinacPlus, Hyderabad, Telangana	Industrial Expert		
14	Mr. V K Sudhakar Yadlapalli	Software Engineer, DELL Technologies, Hyderabad, Telangana.	Alumni Member		
			9		

# **BOARD OF STUDY MEETING (UG)**

Department : Computer Science and Engineering (Artificial Intelligence)

Academic Year : 2020-2021 Meeting No. : 01

Venue : Board Room

#### Agenda:

- · Constitution of Board of Studies
- Introduction of BOS members
- Finalization of semester wise course structure of 1st and 2nd semester
- Finalization of B.Tech 1<sup>st</sup> -year syllabus.
- \* Finalization of syllabus of allied subjects offered by Department of CSE(AI).
- Industry, Institute Interaction -Suggestions for Excellence
- Any other matter with the permission of Chairman.

#### Members Attended

SL.No	Name	Role	Signature
1.	Dr. Gudipati Murali	Chairman	g
2.	Prof. R Ramesh	Internal Member	R. Kamb
3.	Dr M S S Sai	Internal Member	- a Sal
4	Dr Ch Aruna	Internal Member	Ch. Leune
5	Ďr S V Appaji	Internal Member	St.
6	Dr R V Kishor Kumar	Internal Member	VK 4
7	Dr G Dileep Kumar	Internal Member	Caldark
8	AV Raghva Rao	Internal Member	A D.
9	A Sunitha	Internal Member	A. Swritha
10	Dr. M H M Krishna Prasad	Subject Expert from JNTUK	
11	Prof.R.B.V.	Subject Expert-I	
	SUBRAMAANYAM	Subject Expert-1	
12	Dr. G. Ramakrishna	Subject Expert-II	
13	Mr. K. Prabhakar Rao	Industrial Expert	
14	Mr. V K Sudhakar Yadlapalli	Alumni Member	J. Sudhakar.



(Approved by AICTE, New Delhi || Affiliated to JNTU, Kakinada|| Accredited by NAAC with 'A' Grade & NBA)

Vinjanampadu, Guntur, Andhra Pradesh. INDIA -522 017.

### (AUTONOMOUS)

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI)

### Minutes of Board of Studies-UG

### Ratification of Course Structure and Syllabus for UG CSE (AI) R20 Regulations

The board of studied meeting of B.Tech [CSE (AI)] of the Department of Computer Science and Engineering (AI) was held on 11.04.2021 at 2.30 PM through online mode

The following members were present

S. No	Name	Role
1.	Dr. Gudipati Murali	Chairman
2.	Prof. R Ramesh	Internal Member
3.	Dr M S S Sai	Internal Member
4	Dr Ch Aruna	Internal Member
5	Dr S V Appaji	Internal Member
6	Dr R V Kishor Kumar	Internal Member
7	Dr G Dileep Kumar	Internal Member
8	AV Raghva Rao	Internal Member
9	A Sunitha	Internal Member
10	Dr. M H M Krishna Prasad	Subject Expert from JNTUK
11	Prof. R.B.V. SUBRAMAANYAM	Subject Expert-I
12 •	Dr. G. Ramakrishna	Subject Expert-II
13	Mr. K. Prabhakar Rao	Industrial Expert
14	Mr. V K Sudhakar Yadlapalli	Alumni Member

The Chairman welcomed all the members who were present for the meeting. The meeting after that deliberated on agenda items as had been approved by the Chairman.

• The BOS has reviewed and approved the drafted course structure and curriculum for B.Tech- Computer Science and Engineering (Artificial Intelligence).

The board made the following suggestions:

- 1. Acceptance of I Year Course Structure with Below changes
  - a) Add Artificial Intelligence Thread form the first year.
    - b) Add 'An Introduction of Artificial Intelligence and its tools' as non-credit course



(Approved by AICTE, New Delhi || Affiliated to JNTU, Kakinada|| Accredited by NAAC with 'A' Grade & NBA)

Vinjanampadu, Guntur, Andhra Pradesh. INDIA -522 017.

### (AUTONOMOUS)

- 2. Acceptance of I year syllabus with Below changes
- a) Suggested 2 text books for "PythonProgramming" Course.
  - (i) Fundamentals of Python First Programs, 2nd Edition Kenneth. A. Lambert, Cengage.
  - (ii) Python Programming: A Modern Approach, VamsiKurama, Pearson
- b) The Laboratory experiments need to be arranged in correlation with the content of the concerned subjects.
- c). In I year II Semester, reorganize the unit-III and add advanced topics like Numpy, Panda and Lambda
- d) Add SWAYAM / NPTEL concerned courses links as e-resources
- e) Rewrite the course outcomes with level of learning from new Blooms taxonomy and alien the course outcome with university boards.
- f) Add some scenario based challenging tasks in Lab courses
- g) For every academic year, change the 20% experiment's in lab course.
- 3. Plan to enhance self-learning component by introducing MOOC Courses
- 4. Additionally, the following resolutions were made:
  - Industry expert talks about the emerging field being arranged subsequently
  - For a hands-on experience, industry collaborated laboratory to be established and the equipment and simulation software updated.
    - Simulation and modeling experiments to be provisioned in the possible laboratory course.

The meeting concluded with a vote of thanks by Dr. G Murali, Chairman - BoS.

(Dr. G Murali)

**BOS-Chairmar** 



cse ai <cse-aihod@kitsguntur.ac.in>

### Sub: KKR & KSR Institute of Technology and Sciences, Guntur: CSE(AI) Dept.: **BoS Meeting Minutes - regarding**

Krishna Prasad MHM < krishnaprasad mhm@yahoo.co.in> To: cse ai <cse-aihod@kitsguntur.ac.in>

Wed, Apr 28, 2021 at 3:11 PM

Pls perform the following:

In minutes, point 2, d) Add NPTL & Swayam as e-resource ---

Pls correct as -> Add SWAYAM / NPTEL concerned courses links as e-resources

3. MOOC"S Courses are to be introduced. --> Plan to enhance self-learning component by introducing MOOC

Courses

All the best...

Regards . . .

Dr Hazarath Murali Krishna Prasad Munaga,

(MHM Krishna Prasad)

B.E., M.Tech, MIUR Fellow(U. of Udine, Italy), Ph.D.,

Professor of CSE, Vice-Principal & Coordinator-TEQIP-III,

State Teacher Awardee from the Govt of Andhra Pradesh

University College of Engineering Kakinada(A)

J.N.T.U. KAKINADA - 533003

Andhra Pradesh, INDIA

Ph: +91 884 2300824, 825 (Direct)

http://sites.google.com/site/munaga71/

University Website: http://jntuk.edu.in/

On Monday, 19 April, 2021, 06:00:05 pm IST, cse ai <cse-aihod@kitsguntur.ac.in> wrote:

Respected Sir.

Greetings of the day,

It is our pleasure to express sincere thanks for spending your valuable time with us and provided suggestions in the curriculum framework.

All your suggestions are incorporated and reflected in the minutes of the meeting.

Therefore, herewith attached drafted minutes of the BOS meeting for CSE(AI) department held on 11.04.2021 for your kind perusal and approval.

Kindly acknowledge the mail.

Regards

Dr.Gudipati Murali

Professor

Department of IT

KKR & KSR Institute of Technology & Sciences

Vinjanampadu,

Guntur-522017

Phone-9848508545

office - 0863 2286666 Extn. 290

l<sup>lthe</sup>·//mail.doodle.com/mail/u/0?ik=cddedf4531&view=nt&search=all&nermmsdid=msd-f%3A169R276694241104543&dsdt=1&simnl=msd-f%3A

ā.	cse al Respected Sir Greetings of the da	Mon, Apr 19, 601 P	M (11 day	s ugo) n the co	<b>1</b> 2r
	Prof Dr.R.B.V.Subramaunyam	Sat, Apr. 24-11-00 PM (6 diaya ayx			
4.5	Dear Dr Murak,				
	I have looked at the minutes of the n Thank you RBV Subramaanyam	neeting. I hereby approve the same and recommend for further proceedings			
	 Prof. R.Bala Venkata Subramaanyar M.Toch.(IIT Kgp), Ph.D.(IIT Kg	n			
	Professor, Department of Computer :				
	Est ACI	Academy (Set up by MeitY Gozt of India)			
	National Institute of Technology, WARANGAL - 506 004, Telangana State, India	, and the second			
	Sub : KKR & KSR Institu	ite of Technology and Sciences, Guntur : CSE(AI) Dept. : BoS			
•	reg	arding External Indox x	\$	-	Ø
	se al Jear Sudhakar Greetings of the day.	this our pleasure to express soncere thanks for spending your valuable time with us and provided sug	l (11 day: gestions	ngo) in the c	rric arric
k	rishna sudhakar				
	i Sir.	SM ADI 74.3.15 PM (6 days ago)	nir	•	. :
1 :	am happy with the designed Course C	Curnculum: Minutes of Meeting and It's Approved			
T	hanks	у станурова			
S	udhakar Yadlapalir				
cse	al		0		
Res	al	Mon, Apr 19, 8:04 Phressure to express sincere thanks for apending your valuable time with us and provided sugg	f (II day estions i		rric C
Res Pra	bhakar Rao Kotapati	TOTAL HIDOS X	f (II day estions i		
Pra. to m	pal pacted Sir, Greatings of the day It is backet Rao Kotapati	Mon, Apr 19, 8:04 Phressure to express sincere thanks for apending your valuable time with us and provided sugg	f (II day estions i		
Pra to m	bal spected Sir, Greatings of the day it is bhakar Rao Kotapati se = - cali ganu,	Mon, Apr 19, 8:04 Phressure to express sincere thanks for apending your valuable time with us and provided sugg	f (II day estions i		
Praito m Mun Lool Blast	bal spected Sir, Greetings of the day III spected Sir, Greetings of the day III special special specia	Mon, Apr 19, 8:04 Phressure to express sincere thanks for apending your valuable time with us and provided sugg	f (II day estions i		
Praintonin Bast	bhakar Rao Kotapati  is ali gard,  Ks Good, Please go ahead!  Ragards  chakar Rao Kotapati	Mon, Apr 19, 8:04 Phressure to express sincere thanks for apending your valuable time with us and provided sugg	f (II day estions i		
Prainto m Murr Lool Blast Prainto he	bhakar Rao Kotapati cali gard, ks Good, Please go ahead! c Ragards chakar Rao Kotapati	Mon, Apr 19, 6:04 Phis curry peasure to express sincere thanks for spending your valuable time with us and provided sugging the second of the	f (II day estions i		
Praintent Chie	bhakar Rao Kotapati is a said gard, ks Good, Please go ahead: Regards Shakar Rao Kotapati if Operating Officer FinacPlus vw.finacolus.com +91-912-101-6070 (US Dial) + doccom/in/c/sabhakar-katapati	Mon, Apr 19, 6:04 PM is our pleasure to express sincere thanks for apending your valuable time with us and provided augustic for apending your valuable time with us and provided augustic for apending your valuable time with us and provided augustic for any single for a first and provided augustic for a first an	4 (P1 day estions :	a ago)	
Praintent Chie	bhakar Rao Kotapati ise v.  ali garu,  ks Good, Please go ahead!  Regards  shakar Rao Kotapati if Operating Officer  FinacPlus  ww.finacplus.com  +01-912-101-6079 (US Dial) + du.com/socialphakar.kotapati	Mon, Apr 19, 6:04 PM is our pleasure to express sincere thanks for apending your valuable time with us and provided augustic for apending your valuable time with us and provided augustic for apending your valuable time with us and provided augustic for any single for a first and provided augustic for a first an	f (II day estions i		
Prainto municipal prainto muni	bhakar Rao Kotapati ise viruli garu, ks Good, Please go ahead! Regards shakar Rao Kotapati if Operating Officer FinacPlus ww.finacplus.com +91-912-101-6070 (US Dial) + dio.com/in.cr/abhakar.kotapati KKR & KSR Institute of ing Minutes - regarding	Mon, Apr 19, 6:04 PM is our pleasure to express sincere thanks for apending your valuable time with us and provided augustic for apending your valuable time with us and provided augustic for apending your valuable time with us and provided augustic for any single for a first and provided augustic for a first an	4 (F1 day estions i	4 ago) in the cu	
Prainto municipal prainto muni	bhakar Rao Kotapati ise v  all ganu,  Ks Good, Please go ahead:  Ragards  shakar Rao Kotapati d Operating Officer  FinacPlus  ww.finacplus.com  +91-912-101-6070 (US Dial) + din.com/in-crabhakar-kotapati  KKR & KSR Institute of ng Minutes - regarding  Sir, Greetings of the day, It is our p	Mon, Apr 19: 6:04 Ph is our pressure to express sincere thanks for apending your valuable time with us and provided sugging Fri. Apr 23, 4:06 PM (? dilys ago)  1-732-896-9727  Technology and Sciences, Guntur: CSE(AI) Dept.: BoS	4 (F1 day estions i	4 ago) in the cu	
Praint on Murch Look Blast Praint Chief Sub: K Meetin seal espected	bhakar Rao Kotapati ise v  all ganu,  Ks Good, Please go ahead:  Ragards  shakar Rao Kotapati d Operating Officer  FinacPlus  ww.finacplus.com  +91-912-101-6070 (US Dial) + din.com/in-crabhakar-kotapati  KKR & KSR Institute of ng Minutes - regarding  Sir, Greetings of the day, It is our p	Mon, Apr 19, 6:04 PM is our pleasure to express sincere thanks for spending your valuable time with us and provided augustic provided augu	4 (F1 day estions i	4 ago) in the cu	
Prainto mu Lool Best Prainto mu Lool Best Prainto mu (C) - Innke Sub: K Meetir se ai espected	bhakar Rao Kotapati is a land, ks Good, Please go ahead: c Regards chakar Rao Kotapati id Operating Officer c FinacPlus ww.finacplus.com +91-912-101-6070 (US Dial) + dio.com/ion-grabhakar.kotapati KKR & KSR Institute of ng Minutes - regarding Sir Greetings of the day, It is our glackrishna	Mon, Apr 19, 6:04 PM is our pleasure to express sincere thanks for spending your valuable time with us and provided augustic provided augu	4 (F1 day estions i	4 ago) in the cu	
Prainted France Sub: K Meeting Sub:	bhakar Rao Kotapati ise viali ganu, ks Good, Please go ahead! Regards shakar Rao Kotapati if Operating Officer FinacPlus ww.finacplus.com +01-912-101-6070 (US Dial) + dio.com/ion/chahakar_kotapati KKR & KSR Institute of ng Minutes - regarding Sir Greetings of the day, It is our plakerishna	Mon, Apr 19, 6:04 PM is our pleasure to express sincere thanks for spending your valuable time with us and provided augustic provided augu	4 (F1 day estions i	4 ago) in the cu	
Prainto municipal properties of the control of the	bhakar Rao Kotapati ise viali ganu, ks Good, Please go ahead! Regards shakar Rao Kotapati if Operating Officer FinacPlus ww.finacplus.com +01-912-101-6070 (US Dial) + dio.com/ion/chahakar_kotapati KKR & KSR Institute of ng Minutes - regarding Sir Greetings of the day, It is our plakerishna	Mon, Apr 19, 6:04 PM is our pleasure to express sincere thanks for spending your valuable time with us and provided augustic provided augu	4 (F1 day estions i	4 ago) in the cu	