

गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
कोनी, बिलासपुर - 495009 (छ.ग.)



Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur - 495009 (C.G.)

List of Programme(s)

Department: Computer Science and Engineering

List of Programmes having Components of field

Sr. No.	Programme Code	Programme Name	Academic Year
01.	4110	B.Tech. CSE	2021-2022



Minutes of Meetings (MoM) of Board of Studies (BoS)

Academic Year : 2021-22	
School	: School of Studies of Engineering and Technology
Department	: Computer Science and Engineering
Date and Time	: 10 July 2020- 11:00 AM
Venue	: Department of CSE

1

Minutes of Meeting

Today, on 10 July 2020, the Board of Studies (BOS) meeting was held through online platform ZOOM from 11:00 am onwards. The following members attended this online meeting.

1. Dr. Alok Kumar Singh Kushwaha, (Chairman of BOS)
2. Mrs Nishi Yadav (Member of BOS)
3. Mr. Amit Sharma (External Member, BOS)
4. Dr. Sanjay Kumar (External Member, BOS)
5. Dr. Manish Srivastava (Invitee Member)
6. Mr. Devendra Kumar Singh (Invitee Member)
7. Mr. Nishant Behar (Invitee Member)
8. Mr. Vaibhav Kant Singh (Invitee Member)
9. Mrs. Raksha Pandey (Invitee Member)
10. Mr. Amit Kumar Baghel (Invitee Member)
11. Mr. Satish Kumar Negi (Invitee Member)
12. Mr. Pushpendra Kumar Chandra (Invitee Member)
13. Mr. Manjit Jaiswal (Invitee Member)
14. Mrs. Princy Matalani (Invitee Member)

In this online meeting the following points have been concluded:

1. B.Tech 4th semester practical subject codes have been rectified for the session 2019 - 20.
2. In B.Tech 3rd semester course **Computer Organization Architecture** is renamed as **Computer Organization & Architecture** and will apply with effect from upcoming Session 2020-21.
3. B.Tech 2nd year (3rd semester and 4th semester) Theory and lab credit has been revised and will apply with effect from upcoming session 2020-21.
4. B.Tech 2nd year (3rd semester and 4th semester) course code is also revised and will apply with effect from upcoming Session 2020-21.
5. In B.Tech 5th semester following changes has been done and will apply with effect from upcoming Session 2020-21:
 - i. **Microprocessor and Data Base Management System** subject has been renamed as **Microprocessor and Interfaces and Relational Data Base Management System** respectively.
6. In B.Tech 6th semester following changes has been done & will apply with effect from upcoming Session 2020-21:
 - i. **Compiler Design** Subject (theory and lab) replaced with **Java** Subject (theory and lab).



- i. In Professional Elective-I & II, **Advance Operating System** Subject replaced with **Software Testing and Quality Assurance Subject**.
- ii. In Open Elective -I, in place of these subjects (1. **Computer Graphics**, 2. **Geo- Informatics and GIS Applications**, 3. **Cloud Computing**, 4. **Distributed Systems**) the below mentioned new subjects are introduced (1. **Management Information Systems**, 2. **E- Commerce**, 3. **Human Resource Management**, 4. **Business Intelligence**)
- iv. The **Computer Graphics** subject have included in the compulsory subject.
- v. The **Management Information System** Subject is removed from the category of HumanityScience and added in Open Elective category
7. B.Tech 3rd year (5th semester and 6th semester) lab and project credit has been revised and will apply with effect from upcoming session 2020-21.
8. B.Tech 3rd year (5th semester and 6th semester) course code is also revised and will apply with effect from upcoming session 2020-21.
9. In B.Tech 7th semester following changes have been done and will apply with effect from upcoming Session 2021-22.:
 - i. **Web Science & Technology** (theory) have been replaced by **Compiler Design** (theory).
 - ii. **Data Mining Lab** have been replaced by **Compiler Design Lab**.
 - iii. In Professional Electives
 - (a) **TCP/IP** subject have been renamed as **TCP/IP Internetworking**.
 - (b) **Pattern Recognition** and **Digital Signal Processing** have been replaced with **Web Technology** and **Cyber Crime & Security** respectively.
 - iv. In Open Electives subject
 - (a) **Java** has been replaced with **Distributed System**.
 - (b) **VB.Net** subject is renamed as **Visual Basic.Net**
10. In B.Tech 8th semester following changes has been done and will apply with effect from upcoming Session 2021-22.
 - i. Various Professional Elective-I lab subjects (1. **Network Security Lab** 2. **Mobile Application Development Lab** 3. **Cloud Computing Lab**, 4. **Big Data Analysis Lab**) has been introduced.
 - ii. In Professional Elective-I, subjects **Grid Computing**, **Multimedia System Design** and **Cyber Crime Security** has been replaced by subjects of **Mobile Application Development**, **Cloud Computing**, and **Big Data Analysis** respectively
 - iii. In Open Electives-I & II, subjects **Principle of Management** and **Nano Technology** has been replaced by **Information Retrieval Systems** and **Machine Learning** respectively.
11. B.Tech 4th year (7th semester and 8th semester) course code is also revised and will apply with effect from upcoming session 2021-22.
12. B.Tech 4th year (7th semester and 8th semester) lab and project credit has been revised and will apply with effect from upcoming session 2021-22.
13. Finalization of the PEO, PSO, and POS also has been done.
14. Course objective and Course outcomes has been introduced in B. Tech (2nd, 3rd, and 4th year) syllabus (theory and lab).
15. Syllabus of entrance examination VRET for PhD admission has been finalized.



16. All the valuable suggestions made by Internal and External members are incorporated in the Syllabus and Scheme which are enclosed here with.
17. External Member has joined the meeting through Video-Conferencing and has given his valuable suggestions which are incorporated in the Syllabus and Scheme.
18. Invited Members has joined the meeting through Video-Conferencing and has given his valuable suggestions which are incorporated in the Syllabus and Scheme.

It was agreed that the approval of external experts and invitee members on MoM along with the related documents will be sought through email, due to the present pandemic situation.

The meeting ended with vote of Thanks.


विभागाध्यक्ष
Head
संयुक्त विज्ञान एवं अभियांत्रिकी
Computer Science & Engg
अभियांत्रिकी एवं शि. अकादमि शाखा
C.G. Engg. & Technology
गुरु घा. विश्वविद्यालय, बिलासपुर (छ.ग.)
S.G. Vishwavidyalaya, Bilaspur (C.G.)

Dr. Alok Kumar Singh Kushwaha
(Chairman of BOS)

Mr. Amit Sharma,

(External Member, BOS)
(Consent through e-mail)

Dr. Sanjay Kumar

(External Member, BOS)
(Consent through e-mail)

Invited Members	
Dr. Manish Srivastava	Consent through e-mail
Mr. Devendra Kumar Singh	Consent through e-mail
Mr. Nishant Behar	Consent through e-mail
Mr. Vaibhav Kant Singh	Consent through e-mail
Mrs. Raksha Pandey	Consent through e-mail
Mr. Amit Kumar Baghel	Consent through e-mail
Mr. Satish Kumar Negi	Consent through e-mail
Mr. Pushpendra Kumar Chandra	Consent through e-mail
Mr. Manjit Jaiswal	Consent through e-mail
Mrs. Princy Matalani	Consent through e-mail



**SCHEME FOR EXAMINATION
B.TECH (FOUR YEAR) DEGREE COURSE
COMPUTER SCIENCE AND ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING & TECHNOLOGY
GURU GHASIDAS VISHWAVIDYALAYA
FOURTH YEAR, SEMESTER - VII
W.E.F. SESSION 2021-22**

Branch :- Computer Science & Engg.			Year : IV			Sem- VII			
S.No.	Code No.	Subject	Periods			Evaluation Scheme			Credits
			L	T	P	IA	ESE	Total	
1	CS07TPEX	Professional Elective-I	3	0	0	30	70	100	3
2	CS07TPEX	Professional Elective-II	3	0	0	30	70	100	3
3	CS07TOEX	Open Elective-I	3	0	0	30	70	100	3
4	CS07TPC14	Compiler Design	3	0	0	30	70	100	3
PRACTICAL									
1	CS07PPC09	Compiler Design Lab	0	0	3	30	20	50	1.5
2	CS07PPR03	Major Project –I	0	0	6	60	40	100	3
3	CS07PPS01	Seminar	0	0	3	50	--	50	1.5
Total									18

Professional Elective-I & II Subject VII Sem.				Open Elective-I Subject VII Sem.			
S.No	Subject Code	Subject	Credits	S.No.	Subject Code	Subject	Credits
1	CS07TPE09	TCP/IP Internetworking	3	1	CS07TOE05	Soft Computing	3
2	CS07TPE10	Web Technology	3	2	CS07TOE06	Real Time System	3
3	CS07TPE11	Data Mining	3	3	CS07TOE07	Distributed System	3
4	CS07TPE12	Cyber Crime & Security	3	4	CS07TOE08	Visual Basic.Net	3



**SCHEME FOR EXAMINATION
B.TECH (FOUR YEAR) DEGREE COURSE
COMPUTER SCIENCE AND ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING & TECHNOLOGY
GURU GHASIDAS VISHWAVIDYALAYA
FOURTH YEAR, SEMESTER - VIII
W.E.F. SESSION 2021-22**

Branch :- Computer Science & Engg.			Year : IV			Sem- VIII			
S.No.	Code No.	Subject	Periods			Evaluation Scheme			Credits
			L	T	P	IA	ESE	Total	
1	CS08TPEX	Professional Elective-I	3	0	0	30	70	100	3
2	CS08TOEX	Open Elective-I	3	0	0	30	70	100	3
3	CS08TOEX	Open Elective-II	3	0	0	30	70	100	3
PRACTICAL									
1	CS08PPEX	Professional Elective-I Lab	0	0	3	30	20	50	1.5
2	CS08PPR04	Major Project -II	0	0	12	120	80	200	6
Total									16.5

Professional Elective-I Subject VIII Sem.				Open Elective-I & II Subject VIII Sem.			
S.No	Subject Code	Subject	Credits	S.No	Subject Code	Subject	Credits
1	CS08TPE13	Network Security	3	1	CS08TOE09	Enterprise Resource Management	3
2	CS08TPE14	Mobile Application Development	3	2	CS08TOE10	Information Retrieval Systems	3
3	CS08TPE15	Cloud Computing	3	3	CS08TOE11	Wireless Sensor Network	3
4	CS08TPE16	Big Data Analysis	3	4	CS08TOE12	Machine Learning	3

Professional Elective Subject Lab VIII Sem			
S.No	Subject code	Subject	Credits
1	CS08PPE01	Network Security Lab	1.5
2	CS08PPE02	Mobile Application Development Lab	1.5
3	CS08PPE03	Cloud Computing Lab	1.5
4	CS08PPE04	Big Data Analysis Lab	1.5



B.Tech. 7th Sem

Session 2021-22

S.No.	Name of the Student	Name of the Visiting Organization	Duration	Certificate
1.	Abhishek Kumar Gupta	Digital India Internship Scheme 2021	1 st June to 30 th July	http://www.new.ggu.ac.in/attachments/attachments/research/02202023104639_Abhishek_Kumar_-_Abhishek_Kumar_Gupta.pdf
2.	Anubhav Gupta	Famark	3 rd June to 2 nd July	http://www.new.ggu.ac.in/attachments/attachments/research/02202023104915_AnubhavInternship_-_Anubhav_Gupta.pdf
3.	Astha Garhewal	Edusaint Eduservices	3 th June to 4 th July	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105012_Astha_cert_-_Astha_Garhewal.pdf
4.	Akhil Singh Rajput	Chalbo India Private Limited	28 th July 2020 to 28 th July 2021	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105251_Chalbo_Internship_-_Akhil_Singh.pdf
5.	Amit Kumar	Internshala Trainings	23-07-2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023103836_storage_emulated.0.Android_data.com.cv.docscanner_C7riEzPDF
6.	Ankit Sonkar	Google Developers Launchpad	13 Sep 2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023104747_Ankit_Sonkar_Cyber_Security_2_-_Ankit_Sonkar.pdf
7.	Ankur Bhoi	Google Developers Launchpad	19 Sep 2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023104823_Ankur_Bhoi_Cyber_Security_-_Ankur_Bhoi.pdf
8.	Piyush Kumar Jaiswal	Great Learning Academy	Nov 2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105123_CERTIFICATE_-_PIYUSH_JAISWAL.pdf
9.	Prabuddha Kumar Dwivedi	Coding Ninjas	Feb 2021 to June 2021	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105405_CNcertificate_-_Prabuddha_Dwivedi.pdf
10.	Rishabh Raj	University of Colorado	2 Dec 2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105530_Coursera_NUKALFUEVSR7_-_Rishabh_rajarva.pdf
11.	Aditya Singh	Internshala Trainings	26-06-2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105734_Data_Science_Training_-_Certificate_of_Completion_-_F4U6IAE.pdf
12.	Manish Gupta	Internshala Trainings	21-11-2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105804_Data_Science_Training_-_Certificate_of_Completion_1_F4qnXu4.pdf
13.	Sarla Shiva Sai Kumar	Great Learning Academy	Aug 2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105851_download_2_-_Shiva_Sarla.pdf
14.	Prabhakar Kumar	Internshala Trainings	15-09-21 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023105940_Ethical_Hacking_Training_-_Certificate_of_Completion_9IDMmlD.pdf
15.	Ajay Kumar	EFA	26-08-21- (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110016_fed_1_-_Ajay_Kumar.pdf
16.	Roshan Gupta	Indian Institute of Technology Ropar	17-05-21 to 17-07-21	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110115_IIT_Ropar_Certificate_-_Rohan_Gupta.pdf
17.	Praveen Kumar	Brain O Vision Solutions Pvt.Ltd.	01-06-21 to 30-06-21	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110234_INTERNSHIP_CERTIFICATE_FROM_BOY_-_praveen_kumar.pdf



18.	Prity Kumari	DC IKIGAI Private Limited	01 june 2021 to 31 August 2021	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110325_Internship_Letter_-_DC_ikigai_-_Prity_Kumari_-_PRITY_KUMARI.pdf
19.	Ajay Kumar Shukla	Coding Ninja	May 2021 to September 2021	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110356_Internship_Certificate_-_Ajay_Shukla.pdf
20.	Deepesh Garg	Great Learning Academy	Sep 2021 (6 Weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110449_Introduction_to_Django_-_Completion_Certificate_-_De_hhnE18V.pdf
21.	Kishan Kumar	Internshala Trainings	27-07-21 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110536_Kishan_Training_Certificate_-_Kishan_Kumar.pdf
22.	Naveen Kumar Kaushik	Internshala Trainings	02-08-21 (6 Weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110630_Machine_Learning_Training_-_Certificate_of_Completo_gcuPM5o.pdf
23.	Nikhil Gobhil	Internshala Trainings	09-09-21 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110753_Machine_Learning_Training_-_Certificate_of_Completo_Lkisau1.pdf
24.	Rahul Kumar Jangir	Internshala Trainings	01-08-21 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110850_ML_Rahul.pdf
25.	Nikhil Nishad	Google Developers Launchpad	28-sep-21 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023110931_Nikhil_Nishad_Ethical_Hacking_-_Nikhil_Nishad.pdf
26.	Vandراسi Manish Naidu	One Stop	15th Jun, 2021 to 15th Aug, 2021	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111021_plot_my_data_-_Vandراسi_Manish_Naidu.pdf
27.	Pranjali Priya	Kapslock	May 19, 2021 to July 26, 2021.	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111057_Pranjali_Priya_exp_letter_-_Pranjali_Priya.pdf
28.	Priyanka Kumari	Internshala Trainings	29-09-21 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111146_Programming_with_Python_Training_-_Certificate1_-_Pr_9yAYAlk.pdf
29.	Rajan Chauhan	Tevatron Technologies Pvt Ltd	16th June 2021 to 28th July 2021.	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111221_Rajan_Chauhan-grp-9-6WI-AIML-HNB180821170611_-_Rajan_Chauhan.pdf
30.	Ruhi Awasthi	National Skill Development Corporation	5 Sep 2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111314_Ruhi_Awasthi_certificate_-_Ruhi_Awasthi.pdf
31.	Nishant Kumar	Coding Ninja	February 2021 to June 2021	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111348_TAship_certificate_-_Nishant_Kumar.pdf
32.	Hanumanthu Sandeep	One Stop	16-Sep-2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111419_training_certificate_-_H_Sandeep.pdf
33.	Mahima Shukla	Great Learning	August 2021 (6 weeks)	http://www.new.ggu.ac.in/attachments/attachments/research/02202023111914_Mahima_Shukla_3_-_ADITYA_SINGH.pdf