

INDEX

2020-2021

40th AC MEETING DATED 14-07-2020

1-4

BOS

1. COMPUTER SCIENCE	5-17
2. BOTONY	18-19
3. ECONOMICS	20-21
4. ELECTRONICS	22-26
5. ENGLISH	27-30
6. BUSINESS ADMINISTRATION	31-36
7. PHYSICS	37-38
8. STATISTICS	39-40
9. Zoology	41-45
10. BOTONY	46-47
11. MATHEMATICS	48-54



P.B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE

Siddhartha Nagar, Vijayawada – 520 010

*Autonomous - Re-accredited at 'A+' by the NAAC - ISO 9001 - 2015 Certified
College with Potential for Excellence-Phase-II (Awarded by the UGC)*

Ph : 0866-2475966, 0866-2470503

www.pbsiddhartha.ac.in

email: pbs_college@hotmail.com

40TH ACADEMIC COUNCIL

Minutes of the Fortieth meeting of the Academic Council of the college held on 14-07-2020 at 10.30 A.M. in webinar through google meet.

MEMBERS PRESENT

1. Dr.M. Ramesh	Chairman	Sd/-
2. Prof.D. Suryachandra Rao	University Nominee	Sd/-
3. Prof.M.V. Basaveswara Rao	University Nominee	Sd/-
4. Prof.Y.K. Sundara Krishna	University Nominee	Sd/-
5. Prof.K. Srinivasa Rao	Outside Expert	Sd/-
6. Prof.N. Narayana	Outside Expert	Sd/-
7. Dr.Ch. Bala Nageswara Rao	Outside Expert	Sd/-
8. Dr.L.K. Mohana Rao	Special Invitee	Sd/-
9. Sri V. Babu Rao	Special Invitee	Sd/-
10. Sri. A. Vithal Rao	Member	Sd/-
11. Prof.Rajesh C. Jampala	Member	Sd/-
12. Dr..K. Bhargavi	Member	Sd/-
13. Dr.V. Lakshmi Prasannam	Member	Sd/-
14. Sri P. Babu Rao	Member Secretary	Sd/-
15. Dr.M. Manoranjani	Member	Sd/-
16. Smt.V. Sailaja	Member	Sd/-
17. Sri Ch. Venkateswarlu	Member	Sd/-
18. Dr.G. Srilatha	Member	Sd/-
19. Smt.R. Deepa	Member	Sd/-
20. Ms.M. Bhavya	Member	Sd/-
21. Dr.N. Srinivasa Rao	Member	Sd/-
22. Dr.Y. Vijayananda Raju	Member	Sd/-
23. Dr.Ch. Suryaprakasa Rao	Member	Sd/-
24. Sri G. Chakravarthy	Member	Sd/-
25. Sri K.V. Ramesh Chandra	Member	Sd/-
26. Sri K.S.V. Sambasiva Rao	Member	Sd/-
27. Sri K. Narayana Rao	Member	Sd/-
28. Dr. Ch. Srinivasa Reddy	Member	Sd/-
29. Dr. T.S. Ravi Kiran	Member	Sd/-
30. Sri K. Sridhar	Member	Sd/-
32. Sri D. Nikhil Rajesh	Member	Sd/-
33. Smt.M. Tasneem	Member	Sd/-

RESOLUTIONS

1. The Chairman placed before the Academic Council for consideration and approval with or without modification, the proposals of **Dr.K. Bhargavi, HOD, Physics and Academic Officer.**

It is approved to change the medium of instruction of B.Sc. (BZC), a 3 Year UG Programme and B.A. (EMS), also a 3 Year UG Programme from Telugu to English, as most of the students are opting for English as the medium of instruction, from the batch of students admitted in the academic year 2020-2021 and onwards and is carried without modification.

2. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr.K. Bhargavi, Academic Officer.**

It is approved to discontinue the programme B.Sc. (Honors) Computer Science, a 3 Year UG Programme, to facilitate a new 3 year UG Programme B.Sc. Computer Science with Cognitive Systems, from the batch of students admitted in the academic year 2020-2021 and onwards and is carried without modification.

3. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr.K. Bhargavi, Academic Officer.**

Prof.D. Suryachandra Rao, Krishna University (University nominee) enquired about the duration of MoU and the same was clarified by Mr. Stephen Dinakaran, TCS Representative that it is for 2 years and later TCS representatives come forward to increase it to 3 years. However, till the end of the batch of students admitted in these programmes the cooperation from TCS will be continued.

It is approved to introduce the undermentioned two new programmes in collaboration with TCS as an Industry partner to launch the integrated programmes for the batch of students admitted in the academic year 2020-2021 and onwards.

1. B.Com. Business Process Management
2. B.Sc. Computer Science with Cognitive Systems

TCS is collaborating with P.B. Siddhartha College of Arts & Science in offering these two programmes by providing the necessary curriculum, orienting the trainers through TTT programme, facilitating the industrial visits to the students and also organizing the exclusive drives for placements as an Industry partner on the campus to the students of these programmes. Infrastructure, faculty and all other necessities will be provided by P.B. Siddhartha College of Arts & Science and is carried without modification.

4. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr.K. Bhargavi, Academic Officer.**

It is approved to teach the syllabus in the academic year 2020-2021 in online and offline mode in view of COVID-19 pandemic. Initially 25% online teaching is planned, can be increased depending on the exigency and is carried without modification.

5. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr.K. Bhargavi, Academic Officer.**

It is approved to adopt the revised structure and syllabi contemplated to be issued by the APSCHE with regard to 3 Year Degree Programmes for the batch of students admitted in the academic year 2020-2021 and onwards. If not issued, the existing structure will be followed and is carried without modification.

6. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr. G. Sri Latha, Head, Department of English.**

Dr.G. Srilatha moved the matter and the proposal is approved and carried without modification.

7. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr.Y. Vijayanayana Raju, Head, Department of Telugu.**

Dr.Y. Vijayanayana Raju moved the matter. The proposal is approved and carried without modification.

8. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Ms.M. Bhavya, Lecturer in Hindi.**

Ms.M.Bhavya moved the matter. The proposal is approved and carried without modification.

9. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr. Ch. Srinivasa Reddy, Head, Department of Botany.**

Dr.Ch. Srinivasa Reddy moved the matter. The proposal is approved and carried without modification.

10. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Prof. Rajesh C Jampala, Head, Department of Business Administration.**

Prof. Rajesh C Jampala moved the matter. The proposal is approved and carried without modification.

11. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr. M. Manoranjani, Head, Department of Chemistry.**

Dr.M. Manoranjani moved the matter. The proposal is approved and carried without modification.

12. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Prof. Rajesh C Jampala, Head, Department of Commerce.**

Prof. Rajesh C Jampala moved the matter. The proposal is approved and carried without modification.

13. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Sri T.S. Ravikiran, Head, Department of Computer Science.**

Dr. T.S. Ravikiran moved the matter. The proposal is approved and carried without modification.

14. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr. Ch. Suryaprakasa Rao, Department of Economics.**

Dr.Ch. Suryaprakasa Rao moved the matter. The proposal is approved and carried without modification.

15. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Sri K.S.V. Sambasiva Rao, Head, Department of Electronics.**

Sri K.S.V. Sambasiva Rao moved the matter. The proposal is approved and carried without modification.

16. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Sri. D. Nikil Rajesh, Department of Botany**.
Sri D. Nikhil Rajesh moved the matter. The proposal is approved and carried without modification.

17. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr. V. Lakshmi Prasannam, Head, Department of Mathematics**.
Dr. V. Lakshmi Prasannam moved the matter. The proposal is approved and carried without modification.

18. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr.K. Bhargavi, HOD, Physics**.
Dr. K. Bhargavi moved the matter. The proposal is approved and carried without modification.

19. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Dr.N. Srinivasa Rao, HOD, Physical Education**.
Dr. N. Srinivasa Rao moved the matter. The proposal is approved and carried without modification.

20. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Sri G. Chakravarthy, Head, Department of Statistics**.
Sri G. Chakravarthy moved the matter. The proposal is approved and carried without modification.

21. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Sri Ch. Venkateswarlu, Head, Department of Zoology**.
Sri Ch. Venkateswarlu moved the matter. The proposal is approved and carried without modification.

22. The Chairman placed before the Academic Council for consideration and approval with or without modification the proposals of **Prof. Rajesh C Jampala, Head, Department of Business Administration** as table item.

Prof.D. Suryachandra Rao, Krishna University (University Nominee) suggested to increase internal component to 30 marks from 25 marks in UG Programmes.

It is approved that in case of any exigency due to Covid-19 Pandemic, the examinations both internal and external may be conducted on-line or blended mode or off-line as per the guidelines issued by regulatory bodies such as UGC, AICTE, APSCHE etc., and is carried without modification.

Sd/- xxx
(Dr.M. RAMESH)
PRINCIPAL

DEPARTMENT OF COMPUTER SCIENCE

Minutes of the meeting of Board of Studies in Computer Science for PG and UG programmes held on 6th July 2020 at 3 P.M. for the Department of Computer Science.

Name of the Member	Role
Dr.T.S.Ravi Kiran, HOD, Dept of CS, P.B.Siddhartha College of Arts & Science. Mobilc: 9441176980, E-Mail: kirantsr1@gmail.com	Chairman <i>Dr. T. S. Ravi Kiran</i>
Dr.M. Babu Reddy, HOD, Dept of CS, Krishna University. Mobile: 9963436460, E-Mail: m_babureddy@yahoo.com	University Nominee, Krishna University
Prof.Y.K. Sundara Krishna, Professor Department of Computer Science, Krishna University, Machilipatnam-521001 Mobile: 9440226744; E-Mail: yksk2010@gmail.com	Subject Expert
Dr.M.Kameswara Rao, Associate Professor & Dean Academics Department of Electronics & Computer Science Engineering, KL University Mobile: 9440916032 E-Mail: kamesh.manchiraju@kluniversity.in, kamesh.manchiraju@hotmail.com	Subject Expert
Dr.Nagesh Bhattu Sristy, Assistant Professor, Department of Computer Science, National Institute of Technology, Andhra Pradesh, Tadepalligudem, Andhra Pradesh – 534102 Mobile: 9441955120 E-Mail: nageshbhattu@gmail.com	Special Invitee
Mr.Deepak Gupta C.E.O, TUP Make Prosol Pvt. Ltd. Global Office: Singapore Indian Corporate Office: Bangalore E-Mail: deepak.rnpg@gmail.com, deepak@trainuprofessional.com Mobile: 9663718486	Industrialist
Prof. T.V. Prasad, Director, Quality Assurance GIET Institutions, Rajahmundry. Mobile: 9493239815,E-Mail: tvprasad2002@yahoo.com	Alumni Representative
Ms.K.Priya, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile:7989782245	Member <i>Priya</i>
Mrs. A.Kavitha, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile: 9493486272	Member <i>A. Kavitha</i>
Mrs. S.P.V.N.D Sunetha, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile: 9490817849	Member <i>S. P. V. N. D. Sunetha</i>
Mr. G.Samrat Krishna, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile: 9177937461	Member <i>G. Samrat Krishna</i>
Mr.V.V.Ramana, Systems Analyst, P.B.Siddhartha College of Arts & Science. Mobile: 7989415546	Member <i>V. V. Ramana</i>
Mr. K. Sridhar	Member <i>K. Sridhar</i>
Mrs. M. Bhadraja	Member <i>M. Bhadraja</i>
Mr. R. Gopi	Member <i>R. Gopi</i>
Mr.S. Rajesh	Member <i>S. Rajesh</i>
Mr.D. Vijay Kumar	Member <i>D. Vijay Kumar</i>
Mrs.Y.J.N. Lakshmi	Member <i>Y. J. N. Lakshmi</i>
Mr.K. Sudhir	Member <i>K. Sudhir</i>

Mrs. V. Jhansi Lakshmi	Member	<i>V. Jhansi Lakshmi</i>
Mrs. T. Malleswari	Member	<i>T. Malleswari</i>
Mrs. Ch. Archana	Member	<i>Ch. Archana</i>
Mr. E. V. V. S. Siva Kumar	Member	<i>E. V. V. S. Siva Kumar</i>
Mrs. R. Vijaya	Member	<i>R. Vijaya</i>
Mr. B. V. Sankaranand	Member	<i>B. V. Sankaranand</i>
Mr. K. Pradeep	Member	<i>K. Pradeep</i>
Mr. K. Veerendra Nath	Member	<i>K. Veerendra Nath</i>

Agenda

1. To discuss about the course structure, syllabi and duration of M.C.A programme for the batch of students admitted from the academic year 2020-2021 and onwards.
2. To decide the division of syllabus for online and offline teaching for the batch of students admitted from the academic year 2018-2019 and onwards in M.C.A programme, for the batch of students admitted from the academic year 2019-2020 and onwards in M.Sc.(Computer Science) programme.
3. To evaluate & approve the structure & syllabi for III semester of M.Sc.(Computer Science) program, from the academic years 2019-2020 and onwards.
4. To adopt COs for course codes CS3T1, CS3T2, CS3T3, CS3T4, CS3T5, CS3L1, CA3L2 of semester III of M.Sc.(Computer Science) programme in line with the guidelines of OBE following the Bloom's Taxonomy from the batch of students admitted in the academic year 2019 - 20 and onwards. Refer Appendix-I for revised structure. Refer Appendix II for syllabi with COs. Refer Appendix III for model papers with COs and levels of Bloom's Taxonomy.
5. To replace the course "Data Warehousing & Data Mining" with course code "CS3T3" with "Data Mining Techniques" with the course code "CS3T6" applicable to students of M.Sc.(Computer Science) program admitted during the academic year 2019-2020 and onwards.
6. To evaluate & approve the structure & syllabi for V semester of M.C.A program, for the batch of students admitted in M.C.A program from the academic year 2018-2019 and onwards.
7. To adopt COs for course codes CA3T1, CA3T2, CA3T3, CA3T4, CA3T5, CA3L1, CA3L2 of semester III of MCA programme in line with the guidelines of OBE following the Bloom's Taxonomy from the batch of students admitted in the academic year 2019 - 20 and onwards. Refer Appendix-I for revised structure. Refer Appendix II for syllabi with COs. Refer Appendix III for model papers with COs and levels of Bloom's Taxonomy.
8. To recommend the policy to complete MOOCs certification.
9. To recommend the policy to allocate grades for Add on Courses CS3A1 (PHP with MySQL Certification) and CA3A1 (Angular JS Certification) of M.Sc.(Computer Science) / M.C.A Programme.

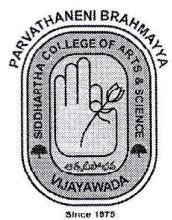
Resolutions

Following resolutions are made in the Board of Studies in Computer Science on 6th July 2020 to recommend to the 40th academic council for its approval regarding the ODD semesters of PG programmes in Computer Science.

1. The M.C.A program is reduced to 2 years from the academic year 2020-2021 onwards by AICTE, the BoS meeting will be conducted whenever the model curriculum is released by the regulating body.
2. Resolved to recommend to teach two units of syllabus online and remaining units will be taught offline / online as per the guidelines given by the regulating bodies.
3. Resolved to recommend and approve the structure & syllabi for III semester of M.Sc.(Computer Science) program, for the batch of students admitted in 2019-20 and onwards by introducing elective optional courses with Course Codes CS3T5i titled Principles of Distributed Database Systems, CS3T5ii titled TCP/IP, CS3T5iii titled Cryptography & Network Security. Refer Appendix-I for revised structure, Appendix II for syllabi with COs and Appendix III for model papers with COs and levels of Bloom's Taxonomy.
4. Resolved to recommend and adopt COs for course codes CS3T1, CS3T2, CS3T3, CS3T4, CS3T5, CS3L1, CA3L2 of semester III of M.Sc.(Computer Science) programme in line with the guidelines of OBE following the Bloom's Taxonomy from the batch of students admitted in the academic year 2019 - 20 and onwards. Refer Appendix-I for revised structure, Appendix II for syllabi with COs and Appendix III for model papers with COs and levels of Bloom's Taxonomy.
5. Resolved to recommend and replace the course "Data Warehousing & Data Mining" with course code "CS3T3" with "Data Mining Techniques" with the course code "CS3T6" applicable to students of M.Sc.(Computer Science) program admitted during the academic year 2019-2020 and onwards.
6. Resolved to recommend and approve the structure & syllabi for V semester of M.C.A program, for the batch of students admitted in M.C.A program from the academic year 2018-2019 and onwards by introducing elective optional courses with Course Codes CA5T4i titled Theory of Computation, CA5T4ii titled Cyber Security, CA5T5i titled e-Governance, CA5T5ii titled Grid Computing. Refer Appendix-I for revised structure, Appendix II for syllabi and Appendix III for model papers.
7. Resolved to recommend and adopt COs for course codes CA3T1, CA3T2, CA3T3, CA3T4, CA3T5, CA3L1, CA3L2 of semcster III of MCA programme in line with the guidelines of OBE following the Bloom's Taxonomy from the batch of students admitted in the academic year 2019 - 20 and onwards. Refer Appendix-I for revised structure, Appendix II for syllabi with COs and Appendix III for model papers with COs and levels of Bloom's Taxonomy.
8. It is resolved that the candidate is required to complete certification course in the field of computer sciencce from massive open online course (MOOCS) providers such as NPTEL / Swayam / Edx / Coursera / Udacity / Udemy / Cisco etc. with the prior permission of HOD within the duration of entire program. The syllabus and training is to be taken from respective certifying bodies.
9. Grades for *Add on Courses* CS3A1 (PHP with My SQL Certification) and CA3A1 (Angular JS Certification) are awarded as per the rule applicable to any course part of M.C.A / M.Sc.(Computer Science) Programme.

Following resolutions are made in the Board of Studies in Computer Science on 6th July 2020 to recommend to the 40th academic council for its approval regarding the ODD semesters of UG programmes in Computer Science.

1. It is resolved to introduce Programme Goals and Programme Outcomes for B.Sc. (MSDS) from the batch of students admitted in the academic year 2019-20 and onwards.(Vide:Appendix- IV)
2. It is resolved to introduce the revised *Course structure* of the **B.Sc. (MSDS) Programme** for the batch of students admitted in the academic year 2019 -'20 from third semester to sixth semester. (Vide: Appendix-V)
3. It is resolved to introduce the revised *Course structure* for the **B.Sc. (MSDS) Programme** for the batch of students admitted in the academic year 2020 -'21 and onwards (Vide: Appendix-VI). However the structure for this programme may be changed accordingly APSCHE guidelines.
4. It is resolved to introduce the course titled "**Introduction to Python Programming**" in semester I of B.Sc. (MSDS) programme for the batch of students admitted in the academic year 2020-21 and onwards in the place of Course code DSCT11 titled "**Introduction to R Programming**" to improve coding skills. (vide: Appendix – VII Syllabus and Lab Experiments List)
5. It is resolved to introduce the Course code DSCT21 titled "**Data Structures using Python**" in semester III for 2019-20 admitted B.Sc. (MSDS) students.(Vide: Appendix – VIII Syllabus and Lab Experiments List)
6. It is resolved to introduce the course code CSCT59A titled "**Data Mining and Warehousing**" *in semester V of B.C.A programme in place of course code CSCT59 titled "Data Mining and Warehousing"* for the batch of students admitted in the academic year 2018 -'19 and onwards *w.e.f 2020- '21* academic year.(Vide: Appendix – IX)
7. It is resolved to introduce COs for the existing course codes CSCT31, CSCP31, CSCT34A, CSCP33A, CSCT35 of III semester of B.C.A, course codes CSCT31, CSP31 of III semester of B.Sc., course code DSCT21 of III semester of B.Sc. (MSDS) programmes in line with the guide lines of OBE, following Blooms taxonomy for the batch of students admitted in the academic year 2019-20 and onwards. Model papers with COs and levels of Blooms Taxonomy are appended at the end of syllabus. (Vide: Appendix – X)
8. It is resolved to introduce Software Engineering (CSCT51), Software Engineering Lab (CSCP51A), Database Management Systems (CSCT52), Database Management Systems Lab(CSCP52) of B.Sc. (MECS,MPCS, MSCS, MSCA) to B.Sc. (CAME) in their fifth semester with effect from 2018-19 admitted batch and onwards. (Appendix – XI)
9. It is resolved to revise the lab list of course code CSCP51A entitled Software Engineering Lab in semester V of B.Sc. (MPCS,MECS,MSCA,MSCS, CAME) 2018-19 admitted batch and onwards. (Vide: Appendix – XII).
10. It is resolved to recommend introducing a new programme B.Sc. Computer Science with Cognitive Systems in collaboration with TCS as industry integrated programme. In this regard the process of MoU is completed , As per this MoU, TCS offers syllabus for 13 courses of this programme and it will offer Train The Trainer (TTT) programme to enable the faculty members to impart these courses to the students. (Vide: Appendix – XIII Programme Structure and Syllabus)
11. It is resolved to introduce **Microsoft Technology Associate (MTA)** certification exam as second internal assessment for the courses **Python** and **Java** for the batch of students admitted in the academic year 2018-'19 and onwards for B.C.A / B.Sc. (MPCS, MECS, CAME, MSCS, CAMS, MSDS and B.Sc.(Hons).
12. It is resolved to recommend to teach 25% syllabus on line and remaining syllabus will be taught offline / online as per the guidelines of regulating bodies.



SIDDHARTHA COLLEGE OF ARTS & SCIENCE

Siddhartha Nagar, Vijayawada – 520 010

*Autonomous - Re-accredited at 'A+' by the NAAC - ISO 9001 – 2015 Certified
College with Potential for Excellence-Phase-II (Awarded by the UGC)*

Ph : 0866-2475966, 0866-2470503

www.pbsiddhartha.ac.in

email: pbs_college@hotmail.com

41ST ACADEMIC COUNCIL

AGENDA

16. The Chairman places before the Academic Council for consideration and approval with or without modification the proposals of **Dr.T.S. Ravikiran, Head, Department of Computer Science**.

Dr.T.S. Ravikiran will move the matter.

It is resolved to submit the resolutions made in the meeting of Board of Studies in Computer Science held on 20th April 2021 for PG Programmes and on 30th March 2021 for UG Programmes in the Department of Computer Science, for both UG and PG Programmes, for their approval with or without modification by the august body.

DEPARTMENT OF COMPUTER SCIENCE

Minutes of the meeting of Board of Studies in Computer Science for PG held on 20th April 2021 and UG programmes held on 30th March 2021 in the Department of Computer Science.

<i>Name of the Member</i>	<i>Role</i>
Dr.T.S.Ravi Kiran, HOD, Dept of CS, P.B. Siddhartha College of Arts & Science. Mobile: 9441176980, E-Mail: kirantsr1@gmail.com	Chairman <i>R - Mr T.S. Ravi Kiran</i>
Dr.M. Babu Reddy, Principal, Krishna University College of Engineering & Technology, Krishna University, Machilipatnam. Mobile: 9963436460, E-Mail: m_babureddy@yahoo.com	University Nominee, Krishna University
Prof.Y.K. Sundara Krishna, Professor Department of Computer Science, Krishna University, Machilipatnam-521001 Mobile: 9440226744; E-Mail: yksk2010@gmail.com	Subject Expert
Dr.M.Kameswara Rao, Associate Professor & Dean Academics Department of Electronics & Computer Science Engineering, KL University Mobile: 9440916032 E-Mail: kamesh.manchiraju@kluniversity.in , kamesh.manchiraju@hotmail.com	Subject Expert
Dr.Nagesh Bhattu Sristy, Assistant Professor, Department of Computer Science, National Institute of Technology, Andhra Pradesh, Tadepalligudem, Andhra Pradesh – 534102 Mobile: 9441955120 E-Mail: nageshbhattu@gmail.com	Special Invitee
Mr.Deepak Gupta C.E.O, TUP Make Prosol Pvt. Ltd. Global Office: Singapore Indian Corporate Office: Bangalore E-Mail: deepak.rnpg@gmail.com , deepak@trainuprofessional.com Mobile: 9663718486	Industrialist
Prof. T.V. Prasad, Director, Quality Assurance GIET Institutions, Rajahmundry. Mobile: 9493239815,E-Mail: tvprasad2002@yahoo.com	Alumni Representative
Ms.K.Priya, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile:7989782245	Member <i>P. Priya</i>
Mrs. A.Kavitha, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile: 9493486272	Member <i>A. Kavitha</i>
Mrs. S.P.V.N.D Suneetha, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile: 9490817849	Member <i>S.P.V.N.D Suneetha</i>
Mr. G.Samrat Krishna, Asst Prof, P.B.Siddhartha College of Arts & Science. Mobile: 9177937461	Member <i>G.S. Krishna</i>
Mr.V.V.Ramana, Systems Analyst, P.B.Siddhartha College of Arts & Science. Mobile: 7989415546	Member <i>V.V. Ramana</i>
Mr. K. Sridhar	Member <i>K. Sridhar</i>
Mrs. M. Bhadraja	Member <i>M. Bhadraja</i>
Mr. R. Gopi	Member <i>R. Gopi</i>

Mr.S. Rajesh	Member <i>S. Rajesh</i>
Mr.D. Vijay Kumar	Member <i>D. Vijay Kumar</i>
Mrs.Y.J.N. Lakshmi	Member <i>Y.J.N. Lakshmi</i>
Mr.K. Sudhir	Member <i>K. Sudhir</i>
Mrs.V. Jhansi Lakshmi	Member <i>V. Jhansi Lakshmi</i>
Mrs.T. Malleswari	Member <i>T. Malleswari</i>
Mrs.Ch. Archana	Member <i>Ch. Archana</i>
Mr.E.V.V.S. Siva Kumar	Member <i>E.V.V.S. Siva Kumar</i>
Mrs.R. Vijaya	Member <i>R. Vijaya</i>
Mr.B.V. Sankaranand	Member <i>B.V. Sankaranand</i>
Mr.K. Pradeep	Member <i>K. Pradeep</i>
Mr.K. Veerendra Nath	Member <i>K. Veerendra Nath</i>
Mrs. M.Suneela	Member <i>M.Suneela</i>
Ms. A.Suneetha	Member <i>A.Suneetha</i>

PG

RECOMMENDATIONS FOR M.Sc.(COMPUTER SCIENCE) PROGRAMME

As per the new regulations recommended by the Krishna University with effect from 2020-2021(R20), new structure is formulated for M.Sc.(Computer Science) programme. The *structure* and *syllabi* of First Semester may be approved post-facto for the batch of students admitted in the academic year 2020-2021 for M.Sc.(Computer Science) programme.

1. Resolved and recommended to adopt the program structure, syllabi and model question papers of M.Sc.(Computer Science) in line with the guidelines of OBE following the Bloom's Taxonomy for the batch of students admitted from the academic year 2020-2021(R20) and onwards. Refer Appendix-I for program structures & syllabi of M.Sc.(Computer Science) programme. Refer Appendix-III for model question papers.
2. Resolved and recommended adopt COs for course codes CS4T1, CS4T2A, CS4T4, CS4T4i, CS4T4ii, CS4T4iii & CS4L2 of semester IV of M.Sc.(Computer Science) programme in line with the guidelines of OBE following the Bloom's Taxonomy from the batch of students admitted in the academic year 2019 - 20 and onwards. Refer Appendix-II for model papers with COs and levels of Bloom's Taxonomy.
3. It is resolved and recommend that the candidate is required to complete certification course in the field of computer science from massive open online course (MOOCS) providers such as NPTEL / Swayam / Edx / Coursera / Udacity / Udemy / Cisco / Guvi etc. with the prior permission of HOD within the duration of entire program. The syllabus and training is to be taken from respective certifying bodies. The internal and external viva voce on certification course will be conducted in fourth semester.
4. Resolved and recommended to adopt the *syllabi* and *model question papers* of open electives *Data Visualization and Programming and Problem Solving using Python Programming*. Refer Appendix-IV for *syllabi* and *model question papers*.
5. It is resolved and recommended that grades for *Add on Course 20CS3A1* (PHP with My SQL Certification) are awarded as per the rule applicable to any course part of M.Sc.(Computer Science) Programme. Refer Appendix-V.

6. It is resolved and recommended to the *Criteria for Internal Assessment in Lab Courses, Internal Assessment for Seminar Based Courses, External Evaluation of Lab Courses and Project Work*. Refer Appendix-VI.
7. It is resolved and recommended to adopt the percentage of change of syllabus between the academic years 2020-2021(R20) & 2020-2021 for M.Sc.(Computer Science) programme. Refer Appendix-VII.

RECOMMENDATIONS FOR M.C.A PROGRAMME

As per the new regulations recommended by the Krishna University with effect from 2020 -2021(R20), new structure is formulated for M.C.A programme. The *structure* and *syllabi* of First Semester may be approved post-facto for the batch of students admitted in the academic year 2020-2021 for M.C.A programme.

1. Resolved and recommended to adopt the *program structure, syllabi* and *model question papers* of M.C.A programmes in line with the guidelines of OBE following the Bloom's Taxonomy for the batch of students admitted from the academic year 2020-2021(R20) and onwards. Refer Appendix-I for *program structures & syllabi* of M.C.A programmes. Refer Appendix-III for model question papers.
2. Resolved and recommended adopt COs for course codes CA4T1A, CA4T2, CA4T3, CA4T6, CA4T5, CA4T5i, CA4T5ii, CA4T5iii, CA4T5iv, CA4T5v, CA4L1 & CA4L3 of semester IV of M.C.A programme in line with the guidelines of OBE following the Bloom's Taxonomy from the batch of students admitted in the academic year 2019 - 20 and onwards. Refer Appendix-II for model papers with COs and levels of Bloom's Taxonomy.
3. It is resolved and recommend that the candidate is required to complete certification course in the field of computer science from massive open online course (MOOCS) providers such as NPTEL / Swayam / Edx / Coursdera / Udemy / Cisco / Guvi etc. with the prior permission of HOD within the duration of entire program. The syllabus and training is to be taken from respective certifying bodies. The internal and external viva voce on certification course will be conducted in fourth semester.
4. Resolved and recommended to adopt the *syllabi* and *model question papers* of open electives *Data Visualization and Programming and Problem Solving using Python Programming*. Refer Appendix-IV for *syllabi* and *model question papers*.
5. It is resolved and recommended that grades for *Add on Course 20CA3A1 (Angular JS Certification)* are awarded as per the rule applicable to any course part of M.C.A Programme. Refer Appendix-V.
6. It is resolved and recommended to the *Criteria for Internal Assessment in Lab Courses, Internal Assessment for Seminar Based Courses, External Evaluation of Lab Courses and Project Work*. Refer Appendix-VI.
7. It is resolved and recommended to adopt the percentage of change of syllabus between the academic years 2020-2021(R20) & 2020-2021 for M.C.A programme. Refer Appendix-VII.

RECOMMENDATIONS FOR UG PROGRAMMES

Following recommendations are made in the Board of Studies in Computer Science on 30th March 2021 to recommend to the 41th academic council for its approval regarding the ODD & EVEN semesters of UG Programmes in Computer Science.

1. It is recommended to introduce the revised *Course structures* of the ***B.Sc. (MSDS / CSCS) and B.C.A Programmes*** for the batch of students admitted in the academic year 2020-'21 and onwards for first year (first and second semester) as per APSCHE guidelines. (Vide: Appendix – I)
2. It is recommended to introduce Course titled “***Foundation of Data Science***” and practical course “***Foundation of Data Science Lab***” in sixth semester of B.Sc. (***CAME***) Programme for the batch of students admitted in the academic year 2018-'19 and onwards. (Vide: Appendix – II, Syllabi, Model Paper, Lab Experiments List)
3. It is recommended to introduce the courses titled “***Data Structures Using Python***” and “***Data Structures Using Python Lab***” in Semester II of B.Sc. (MSDS) Programme for the batch of students admitted in the academic year 2020-21 and onwards in the place of course code “***DSCT21***” titled “***Introduction to Python Programming***” and course code “***DSCP21***” titled “***Introduction to Python Programming Lab***” respectively. (Vide: Appendix – III Syllabus, Model Paper and Lab Experiments List)
4. It is recommended to introduce Skill Development Course titled “***Web Development with Python (Django) Lab***” in Semester II of B.Sc. (MSDS) Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix – IV Syllabus)
5. It is recommended to introduce the Course with course code “***DSCT41***” titled “***Database Management Systems***”, practical course with course code “***DSCP41***” titled “***Database Management Systems Lab***” and “***Mini Project***” in Semester IV of B.Sc. (MSDS) for the batch of students admitted in the A.Y. 2019-20. (Vide: Appendix – V Syllabus, Model Paper, Lab Experiments List and Mini Project Guide Lines)
6. It is recommended to follow the modified syllabus for the course titled “***Problem solving in C***” and “***Problem solving in C Lab***” in *Semester I of B.Sc. (CAMS / CAME / MSCS / CSCS / MPCS / MECS)* for the batch of students admitted in the academic year 2020-2021 and onwards as per APSCHE guidelines. (Vide: Appendix – VI Syllabus, Model Paper, Lab Experiments List, PageNo:36).
7. It is recommended to follow the modified syllabus for the course titled “***Data Structures***” and “***Data Structures Lab***” in Semester II of B.Sc. (***CAMS / CAME / MSCS / CSCS / MPCS / MECS***) and

B.C.A for the batch of students admitted in the academic year 2020-21 and onwards as per APSCHE guidelines. (Vide: Appendix – VII Syllabus, Model Paper, Lab Experiments List).

8. It is recommended to follow the modified syllabus for the course titled “***Operating Systems***” and “***Operating Systems Lab***” in ***Semester I of B.Sc. (CSCS)*** for the batch of students admitted in the academic year 2020-2021 and onwards as per APSCHE guidelines. (Vide: Appendix – VIII Syllabus, Model Paper, Lab Experiments List).
9. It is recommended to introduce the Course titled “***Computer Networks***”, practical courses titled “***Computer Networks Lab***” and “***Introduction to Worksheets Lab (Excel and VBA)***” in Semester II of B.Sc. (CSCS) Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix – IX Syllabus, Model Paper, Lab Experiments List)
10. It is recommended to follow modified syllabus for the Course titled “***Computer Fundamentals and Office Tools***” and “***Computer Fundamentals and Office Tools Lab***” in ***Semester I of B.C.A programme*** for the batch of students admitted in the academic year 2020-2021 and onwards. (Vide: Appendix – X Syllabus, Model Paper, Lab Experiments List).
11. It is recommended to introduce the Course titled “***Web Programming***”, practical course titled “***Web Programming Lab***” in Semester II of B.C.A Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix – XI Syllabus, Model Paper, Lab Experiments List).
12. It is recommended to introduce skill development course titled “***Security Analyst-I***” in Semester II of B.C.A Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix – XII Syllabus)
13. It is recommended to introduce the Course titled “***Information Technology***” in Semester I of B. Com (CA) Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix – XIII Syllabus, Model Paper, Lab Experiments List)
14. It is recommended to introduce the Course titled “***E-Commerce and Web Designing***”, Practical Course titled “***Web Designing Lab***” in Semester II of B. Com (CA) Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix – XIV Syllabus, Model Paper, Lab Experiments List)
15. It is recommended to complete Community related “Project/ Apprenticeship/ Internship” at the End of Semester II for the batch of students admitted in the academic year 2020-21 and onwards as per APSCHE guidelines. (Vide: Appendix – XV)
16. It is recommended to introduce Skill Development Course titled “***Digital Marketing***” in Semester II of ***B. Sc (MECS, CAME, MSCA)*** Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix – XVI Syllabus)

17. It is recommended to introduce Life Skill Course titled “***Computer Fundamentals and Office Tools***” with course code LSCCSC001 in Semester I of ***B. Com-GEN, B. Com (Hons A&F, TPP) B.A (EMS), B.Sc. (MPC, BZC)*** Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix– XVII Syllabus)
18. It is recommended to introduce Life Skill Course titled “***Data Management with SQL Programming Lab***” with course code LSCCSC002 in Semester I of ***B.B.A(BA)*** Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix– XVIII Syllabus)
19. It is recommended to introduce Life Skill Course titled “***Information & Communication Technology – 2***” with course code LSCCSC003 in Semester II of B. Com (Gen, TPP, Hons A&F), B.Sc. (MPC, BZC), BA(EMS) Programme for the batch of students admitted in the academic year 2020-21 and onwards. (Vide: Appendix– XIX Syllabus)
20. It is recommended to follow the *Model Question Papers* with the guidelines of OBE (Outcome Based Education), following Bloom’s Taxonomy for the batch of students of B.Sc. (MPCS, MECS, MSCS, CAMS, CAME, CSCS, MSDS), B.C. A and B. Com (Computers Applications) admitted from the academic year 2019-20 and onwards. (Vide: Appendix –XX)

PROGRAM EDUCATIONAL OBJECTIVES & PROGRAMME SPECIFIC OBJECTIVES

PROGRAM EDUCATIONAL OBJECTIVES FOR M.SC.(COMPUTER SCIENCE) PROGRAMME

PEO1. Technical Expertise and Knowledge in Multiple Domains: Ability to develop an understanding of modern computing concepts and architectures from a design and performance perspective of various domains.

PEO2. Assessment from System Level Perspective: Able to analyse and appreciate the structure of computer systems and the processes involved in their construction at various levels of detail and abstraction.

PEO3. Critical Thinking, Business Analytics & Problem Solving and Innovation: An ability to apply knowledge of mathematics and computer science practices to build Innovative Public & Private Sector Applications involving complex computing problem solving and in research.

PEO4. Professional Ethics & Social Responsibility: Ability to apply and commit to professional ethics following cyber regulations in a global economic environment. Create and design innovative applications to solve complex problems using established practices for the betterment of the society.

PEO5. Apposite to Industry: Gain exposure to multiple programming languages, tools, paradigms, and technologies as well as the fundamental underlying principles throughout their education there by making them the right choice for industry positions.

PEO6. Effective Communication & Leadership: Ability to communicate effectively and present technical & project management information using audio visual tools as well as in oral and written reports. Rise up to the need and be able to lead teams of individuals.

PEO7. Life-long Learning and Research: Understand the importance of, and possess pre-requisite skill set to undertake life-long independent learning and research in the context of contemporary technological advancements.

PROGRAM SPECIFIC OBJECTIVES FOR M.SC.(COMPUTER SCIENCE) PROGRAMME

PSO1. To make the students industry ready as far as possible to enhance their employability in the industries.

PSO2. Create an ambience of education through *faculty training, self learning, sound academic practices and research endeavors.*

PROGRAM EDUCATIONAL OBJECTIVES FOR M.C.A PROGRAMME

PEO1. Technical Expertise and Knowledge in Multiple Domains: Ability to develop an understanding of modern computing concepts and architectures from a design and performance perspective of various domains.

PEO2. Assessment from System level perspective: Able to analyze and appreciate the structure of computer systems and the processes involved in their construction at various levels of detail and abstraction.

PEO3. Critical Thinking, Business Analytics & Problem Solving and Innovation: An ability to apply knowledge of mathematics and computer science practices to build Innovative Public & Private Sector Applications involving complex computing problem solving and in research.

PEO4. Professional Ethics & Social Responsibility: Ability to apply and commit to professional ethics following cyber regulations in a global economic environment. Create and design innovative applications to solve complex problems using established practices for the betterment of the society.

PEO5. Apposite to Industry: Gain exposure to multiple programming languages, tools, paradigms, and technologies as well as the fundamental underlying principles throughout their education there by making them the right choice for industry positions.

PEO6. Effective Communication & Leadership: Ability to communicate effectively and present technical & project management information using audio visual tools as well as in oral and written reports. Rise up to the need and be able to lead teams of individuals.

PEO7. Life-long Learning: Understand the importance of, and possess pre-requisite skill set to undertake life-long independent learning in the context of contemporary technological advancements.

PROGRAMME SPECIFIC OBJECTIVES FOR M.C.A PROGRAMME

PSO1. To make the students industry ready as far as possible to enhance their employability in the industries.

PSO2. Create an ambience of education through *faculty training, self learning, sound academic practices and research endeavors.*

Minutes of the meeting of Board of Studies in Botany for
26/03/2021 at 10:00am in Department of Botany

Sri Ch. Venkateswara was in the chair and conducted the proceedings.

1. Ch. Venkateswara - Chairman BOS
HOD, Botany, P.B Siddhartha College of Arts and Science, Vijayawada.
2. Dr. L Suscela - University nominee
Department of Biotechnology, Krishna University, Machilipatnam.
3. Dr. M. Raghuram - Subject Expert
HOD, Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur.
4. Dr. T. Padmavathi - Subject Expert
Department of Botany, Adikari Nannayya University, Rajahmundry.
5. Mr. S. Siva Rama Krishna - Industry Nominee
Jeevaka Ayurveda, Tenali.
6. Mr. G. Aravind - Alumnus
Vijayawada.
7. D. Sravani - Lecturer in Botany Member
P.B Siddhartha College of Arts and Science, Vijayawada.
8. N. Srinichandana - Lecturer in Botany Member
P.B Siddhartha College of Arts and Science, Vijayawada.
9. Dr. Ch. Srinivasa Reddy (Ex HOD) Department of Botany
P.B Siddhartha College of Arts and Science, Vijayawada

1. It is resolved and recommended to introduce course titled FUNDAMENTALS OF MICROBES AND NON VASCULAR PLANTS with course code BOTT11A in place of the course titled INTRODUCTION TO MICROBES AND THALLOPHYTA with course code BOTT11 and the lab course BOTP11A titled FUNDAMENTALS OF MICROBES AND NON VASCULAR PLANTS lab in place of BOTP11 titled INTRODUCTION TO MICROBES AND THALLOPHYTA lab for the students admitted in the academic year 2020-21 and onwards.
2. It is resolved and recommended to introduce the new topics in unit-1, some are pre introduced in unit-5 course titled FUNDAMENTALS OF MICROBES AND NON VASCULAR PLANTS with course code BOTT11A as well as in BOTP11A from the course titled INTRODUCTION TO MICROBES AND THALLOPHYTA with course code BOTT11 and practical paper BOTP11.
3. It is resolved and recommended to introduce course titled BASICS OF VASCULAR PLANTS AND PHYTOGEOGRAPHY with course code BOTT21A in place of the course titled BRYOPHYTA, PTERIDOPHYTA, GYMNOSPERMS AND PALEOBOTANY with course code BOTT21 and lab course BOTP21A titled BASICS OF VASCULAR PLANTS AND PHYTOGEOGRAPHY lab in place of BOTP21 titled BRYOPHYTA, PTERIDOPHYTA, GYMNOSPERMS AND PALEOBOTANY lab for students admitted in the academic year 2020-21 and onwards.
4. It is resolved and recommended to introduce the topics of 3rd semester paper coded BOTT31 in 2nd semester paper BOTT21A according to APSCHE syllabus highlighted in paper titled BASICS OF VASCULAR PLANTS AND PHYTOGEOGRAPHY with course code BOTT21A as well as in practical syllabus.
5. It is resolved to change the structure of B.Sc BZC degree program, in line with APSHE for the batch of students admitted in the Academic Year 2020-21 and onwards.
6. It is resolved and recommended to introduce the course SDCBOT01 titled PLANT NURSERY MANAGEMENT in semester I/II/III/IV as Skill Development Course for the students admitted in the academic year 2020-21 and onwards.
7. It is resolved and recommended to adopt COs to all course codes of the IV semester of B.Sc BZC in line with the guidelines of OBE following the Bloom's Taxonomy, applicable for the students admitted in the academic year 2019-2020.
8. It is resolved and recommended to introduce the course AOCT32 titled PRESERVATION OF FRUITS AND VEGETABLES in semester IV for the batch of students admitted in the academic year 2019-2020.

1 Ch. Venkateswarlu - ch.venkateswarlu 26/3/21

2 Dr. L. Sesela - Attended Online

3 Dr. M. Raghuram - M. Raghuram 26/3/2021

4 Dr. J. Padmarathi - Attended Online

5 Mr. S. Siva Rama Krishna - Attended Online

6 Mr. G. Aravind - G. Aravind 26/03/21

7 D. Sravani - D. Sravani 26/03/2021

8 N. Sri Chandana - N. Sri Chandana 26/03/2021

9 Ch. Ginniwas Reddy - G. Ginniwas Reddy 26/03/2021

Meeting of Board of Studies in Economics was held on 04-07-2020 at 4:00 pm in a virtual meet conducted by the Department of Economics.

Members present

1.	Dr. M. Ramesh	Principal & HOD	Sd/-
2	Dr. K. Madhu Babu	University Nominee	Sd/-
3	Prof.N. Subba Rao	Subject Expert	Sd/-
4	Dr.A. Sreeram	Subject Expert	Sd/-
5	Dr.Y. China Hussain	Alumnus	Sd/-
6	Dr.Ch. Suryaprakasa Rao, Lecturer in Economics	Dept. Incharge & BOS Chairman	Sd/-
7	Smt.Ch.V. Rohini Kusuma, Lecturer in Economics	Member	Sd/-

The following resolutions are approved by the Board of Studies in Economics, held on 04/07/2020 through online mode at 4 pm, for ODD Semesters of 2020-2021 to recommend to the 40th Academic Council for its approval.

1. To continue the existing syllabus of the course codes ECOT11A for I BA EMS, ECOT31A for II BA EMS and ECOT51 & ECOT52 for III BA EMS for the academic year 2020-2021. Minor changes were incorporated in course code ECOT11A Unit – V of I BA EMS for the batch of students admitted in the academic year 2020-2021. Supplementary candidates, if any, may be given the same question paper set based on this syllabus. However, there is no change in the title and course code of the paper.
2. To introduce Course Outcomes for the course code ECOT31A of III Semester of II B.A. EMS on the line of Blooms Taxonomy.
3. To continue the same syllabus for the course code ECOT12A for I B.Com., ECOT01 for I BBA & I BBA. (Business Analytics), ECOT18 for I B.Com.(Computer Applications) for the academic year 2020-2021.
4. To introduce Managerial Economics (Course Code: ECOT01) into the new B. Com program i.e., B. Com(BPMS) in Semester – I during the Academic Year 2020-21.
5. To deliver the lectures in both offline and online mode, with 75% of the syllabus lectured in offline mode and 25% of the syllabus in online mode, for all the I, III & V Semester courses during the academic year 2020-2021. The online classes may be increased upto 50 % depending upon the exigencies.
6. To make changes to the course structures, etc., as and when recommended by the APSCHE for the academic year 2020-2021.

Minutes of the meeting of Board of Studies
in Economics held on 26-3-2021 at
10.30am in the Department of Economy,
for ~~E~~ven semesters of 2020-21 academic year
members present

1. Dr. M. Rammelkhan principal ~~Chairman~~
2. Dr. K. Madhusudan Subject expert 15. Madhusudan ^{26/3/2021}
3. Dr. Y. Ching Hing ~~Subject expert~~ ^{University norm} ~~Ching Hing~~
4. Dr. C.H. Suryaprabhakar Rao ^{26/3/2021} In-charge/Chair
5. Smt. Ch. V. R. Kusuma member

Resolutions:-

1. It is resolved to follow the APSCHE syllabus for IBA Semesters I and I BCA General & I BCA Computer applications with some modifications.
2. It is resolved to follow/continue the same syllabus for II B.A. Semester IV for the batch of Students admitted in 2019-20.
3. It is also resolved that to continue the same syllabus of late year for III B.A. Semester VI for the batch of Students admitted in 2018-19.
4. It is resolved to that survey and reporting as a skill development course to the B.A. Students from 2020-21 academic year.

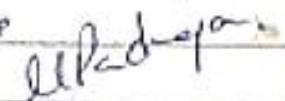
Minutes of meeting of Board of studies
in Electronics held on 1-7-2020 at
10:30 am in the department of
Electronics

Members present;

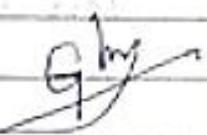
1. Sri K.S.V. Sambasivapao
H.O.D, Electronics



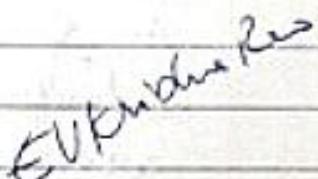
2. Dr. H. Padmaja
Professor, V.R. Siddhartha Engineering College
Vizayawada



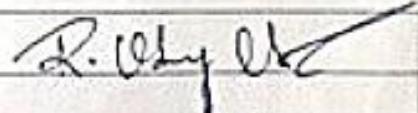
3. Dr. G.L. Madhumathi
Professor & Head, Dept of ECE
Dhanekula Engineering College



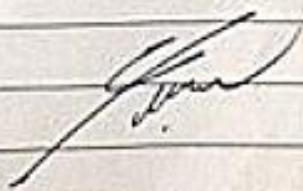
4. Dr. G.V. Krishna Rao
Professor, Dept of ECE
Lakireddy Balireddy Engg College



5. Sri R. Uday Kumar
Lecturer in Electronics
KBN Degree College, VZN



6. D. Srinivasa Reddy
Lecturer in Electronics
P.B.S College, VZA



The following are the resolutions made in the Board of Studies in Electronics for odd Semester to recommend to the 40th Academic Council for its approval.

1. It is resolved to adopt Co's for the Course codes ECT31 (Digital electronics) & ELEP31 (Digital electronics lab) of third Semester B.Sc (E.E.) & B.Sc (C.A.E.E) in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2020-21 and onwards. Model paper with Co's and levels of Bloom's taxonomy are appended at the end of respective syllabi:
2. It is resolved to introduce two courses in V semester for B.Sc (C.A.E.E) students admitted in the academic year 2018-19 and Course titles are Advanced Communication Microcontroller & Interfacing

Minutes of meeting of Board of Studies
in Electronics held on 27-03-2021
at 10:30 am in the Department of
Electronics.

Members Present:

1. Sri K. S. V. Sambasivarao, *Chairman K. Sambasivarao*
H.O.D., Dept. of Electronics.

2. Sri Dr. M. PadmaJa
Professor, V.R.Siddhartha Engineering College,
Vijayawada. *U. PadmaJa*

3. Smt. Dr. A. L. Madhumati,
Professor & Head, Dept. of ECE,
Dhanekula Engineering College. *G. L. Madhumati*

4. Sri Dr. E. V. Krishna Rao,
Professor of ECE & Dean of R&D,
Lakshmi Bali Reddy College of Engineering
Mylavaram. *E. V. Krishna Rao*

5. Sri. R. Uday Kumar,
Department of Electronics.
K.B.N. Degree College. *R. Uday Kumar*

6. Sri D. Srinivasa Reddy,
Lecturer, Dept. of Electronics. *S. Reddy*

7. Smt. S. Poojitha,
Lecturer, Dept. of Electronics. *S. Poojitha*

The following are the resolutions are made in Board of studies in Electronics for Even Semester to recommend to the UG Academic council for its Approval.

1. It is resolved & recommended to introduce course code ELET21A, titled Electronic Devices, ELEP21A titled Electronic Devices & Lab in II semester of B.Sc (M.E.G) & B.Sc (C.A.M.E) adopting Co's in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2020-21 & onwards. Model paper with Co's & levels of Bloom's taxonomy are appended at the respective syllabi (Pg no - 3 to 6)
2. It is resolved & recommended to adopt Co's for course codes ELET41 titled ANALOG & Digital IC's Applications & ELEP41 titled Analog & Digital IC's Applications Lab in IV semester of B.Sc (M.E.G) & B.Sc (C.A.M.E) in ~~2019-20~~ line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2019-20 Model paper with Co's & levels of Bloom's taxonomy are appended at the end of respective syllabi

3. It is resolved & recommended to introduce in
 vi Semester verilog HDL with programming
 with Course code ELET61 & verilog HDL with
 programming LAB with Course code ELEP61
 Raspberry Pi with Course code ELET62 & Raspberry
 Pi lab with course code ELEP62 respectively in B.Sc
 CAE programme for students admitted in the
 academic year 2018-19 & 2019-20

4. It is resolved & recommended to introduce in vi
 semester a project work with Course code ELETW63
 for B.Sc CAE programme for the students admitted
 in the academic year 2018-19 & 2019-20

5. It is resolved & recommended to introduce skill
 development course titled Electronic System Design
 & Manufacture using PCB with Course Code
 OSCELE01 in I/II/III/I/P Semesters for the
 students admitted in the academic year
 2020-21 & onwards.

Minutes of the Board of Studies.

The meeting of the board of studies in English was held online on 6th June, 2020, at 10. am and the following resolutions were passed by the board.

Members present

1. Dr. G. Srilatha - Hod, PG, Dept of English. S.I.S
2. Smt. R. Deepa - Dy.Hod, Dept of English. R. Deepa
3. Dr. M. Kotekwala Rao - University nominee - Krishna University
4. Prof. T. SriRamesh - Principal, AKNU, Rajahmundry.
5. Prof. P. Hari Padma - Sri. Padmavathi Mahila Kalalaya, Tirupathi
6. Dr. S. Srinivas Rao - Lecturer in English. Srinivas
7. Dr. K. Santhakumari - Lecturer in English. K
8. Sr. K. Perachary - Lecturer in English. KP
9. Smt. Ch. A. S. Lakshmi - Lecturer in English. Ch. A. S. Lakshmi
10. Smt. R. Amrapali - Lecturer in English. R. Amrapali
11. Dr. Ch. Rajeswari - Lecturer in English. Ch. Rajeswari
12. Sri. K. Sivukaraju - Lecturer in English. K. Sivukaraju

Resolutions:-

- 1) It was resolved to divide the syllabus online and offline due to restrictions of covid-19.
- 2) It was resolved to conduct 25% syllabus online and 75% offline, ie, 15 hours online and 45 hours offline out of 60 hours.
- 3) It was resolved to retain the syllabi and to continue with the existing books of both 1st and 3rd semester syllabi (Business and General English) until further guidelines issued by the university.
- 4) It was resolved to adopt co's for the course codes ENG101 for General English Semester III and course code

12

ENG 102 for Business English semester -II as per the norms of Bloom's Taxonomy from the batch of Students who are admitted in the academic year 2019-20 and onwards-

- 5) It was resolved unanimously to continue the same syllabus for the students admitted in the academic year 2020-21 as per the norms of Bloom's Taxonomy for the semester for the course code ENGT15.
- 6) The model papers with levels of Bloom's taxonomy is appended at the end of the syllabus for approval for the academic year 2020-21.

R. Deepa
Dy. HOD, English.

The Board of Studies meeting in English
was held in Room No. 214 on 06/07/2020 at 11:00am
P. B. Siddhartha College of Arts & Science, Vijayawada

Dr. G. Sri latha,

Head, Department of English,

P. B. Siddhartha College of Arts & Science,
VIJAYAWADA.

G. Sri latha

6/7/20

Dr. M. Koteshwara Rao,

Department of English,

Krishna University,

Machilipatnam.

Prof. K. Sree Ramesh,

Adi Kari Nannayya University,

Rajahmundry.

Prof. P. Hari Padma Rani,

Department of English,

Women's University,

Sri Padmarathi Mahila Vishvavidyalayam,
Tirupati.

Dr. K. Santha Kumari,

Assistant Professor in English,

P. B. Siddhartha College of Arts & Science,

Vijayawada.

K. Santha Kumari
6/7/2020

1. It is resolved to follow the existing syllabus with course outcomes for the batch of students admitted in the academic year 2020-2021. It is resolved to follow the existing syllabus for Semester III of MA English for the batch of students admitted in the academic year 2019-20 and onwards.
2. It is resolved to adopt CO's for all the courses of the third semester of MA English in line with guidelines of OBE following the Bloom's Taxonomy from the batch of students admitted in the academic year 2019-2020 and onwards. Refer Appendix II for syllabi and refer Appendix III for model question papers.
3. It is resolved to conduct 25% of the syllabus online in each course of Semester I & III due to COVID-19 and 75% of the syllabus offline.

G. Srilatha

04/07/2020

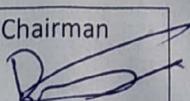
online

Zoom App

PARVATHANENI BRAHMAYYA
 SIDDHARTHA COLLEGE OF ARTS & SCIENCE: VIJAYAWADA-10
 (An Autonomous college under the jurisdiction of Krishna University)
 Reaccredited at the level 'A+' by the NAAC

DEPARTMENT OF BUSINESS ADMINISTRATION (PG)

Members Present:

1.	Prof.Rajesh.C.Jampala, HOD, Commerce & Business Administration and Dean (Academics & Administration)	Chairman 
2	Dr.D.SuryachandraRao, Professor,BusinessManagement,KrishnaUniversity,Machilipatnam.	University Nominee
3	Prof.B.Raja Sekhar, University of Hyderabad, Hyderabad.	Subject Expert
4	Prof.R.Siva Ram Prasad,Professor in Commerce & Business Administration Acharya Nagarjuna University,Guntur dist.	Subject Expert
5	Prof.G.V.Chalam,IIIT,630 Gnan Marg,Sri city,Chittor.	Subject Expert
6	Sri.Ravi Teja Tallam,HR Manager,Trigyn Technologies Ltd., Vijayawada.	Industry Expert
7	Sri.Rayani Sudheer,Dupont India Service Centre, Inventory Specialist.	Alumnus
8	Dr.B.Jaya Prakash, Associate Professor	Member
9	Dr.R. Srinivasa Rao, Associate Professor	Member
10	Dr.S.B. Rajendra Prasad, Associate Professor	Member
11	Dr.J. Durga Prasad, Senior Assistant Professor	Member
12	Dr.Md.S. Rahaman, Assistant Professor	Member
13	Mrs.B. Kalpana, Assistant Professor	Member
14	Mrs.A. Siva Naga Lakshmi, Assistant Professor	Member

**Agenda for Board of Studies meeting for the
Master of Business Administration Programme (M.B.A) of
Department of Commerce & Business Administration**

1. To evaluate and recommend Programme Structure for Master of Business Administration program (MBA) under CBCS for the students admitted in the academic year 2020-21.
2. To explore the possibility of new courses or combination of courses.
3. To assess the potential of the courses against the employment prospects.
4. To assess the compatibility of practical courses with theory courses.
5. To approve the structure of Model Question Papers with COs and levels of Bloom's taxonomy for all courses of I & III semesters of MBA Program.
6. To approve the list of examiners and paper setters of all the courses.
7. To approve the course outcomes (Cos) for all the courses of I & III (ODD) Semesters of MBA Program.
8. Any other matter with the permission of chair.

MBA (2020-2021)

The following resolutions are made in Board of Studies in Business Administration for ODD Semesters to recommend to the 40th Academic Council for its approval.

1. It is recommended and resolved to make it mandatory for the students of III Semester of MBA programme, to complete a certification course as a part of embedded MOOCs i.e., NCFM module (of NSE) for students pursuing Finance specialisation and NPTL certification course for students pursuing HR, Marketing specialisation.
2. It is recommended and resolved to replace the fourth unit syllabus of Innovation Management with course code BA312 entirely as to avoid redundancy, so that the concept Business Model Innovation is replaced with the concept of Design Thinking for the batch admitted in 2019-20.
3. It is recommended and resolved that students of MBA programme who are supposed to do summer Internship at the end of II Semester are to be given permission to undertake the same either through Online/Part time internships or have to undertake theoretical based Project work and have to submit report at the end of III Semester.

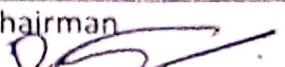


SRI VENKATESWARA SIDDHARTHA COLLEGE OF ARTS & SCIENCE VIJAYAWADA-10
An Autonomous college under the jurisdiction of Krishna University
Reaccredited at the level 'A+' by the NAAC

DEPARTMENT OF BUSINESS ADMINISTRATION

Minutes of the meeting of Board of Studies in Department of Business Administration for MBA held on 27-04-2021 at 03.00 p.m.. The following members were present.

Members Present:

1.	Prof.Rajesh.C.Jampala, HOD, Commerce & Business Administration and Dean (Academics & Administration)	Chairman 
2	Dr.D.SuryachandraRao, Professor,BusinessManagement,KrishnaUniversity,Machilipatnam.	University Nominee
3	Prof.B.Raja Sekhar, University of Hyderabad, Hyderabad.	Subject Expert
4	Prof.R.Siva Ram Prasad,Professor in Commerce & Business Administration Acharya Nagarjuna University,Guntur dist.	Subject Expert
5	Prof.G.V.Chalam,IIIT,630 Gnan Marg,Sri city,Chittor.	Subject Expert
6	Sri.Ravi Teja Tallam,HR Manager,Trigyn Technologies Ltd., Vijayawada.	Industry Expert
7	Sri.Rayani Sudheer,Dupont India Service Centre, Inventory Specialist.	Alumnus
8	Dr.B.Jaya Prakash, Associate Professor	Member
9	Dr.R. Srinivasa Rao, Associate Professor	Member
10	Dr.S.B. Rajendra Prasad, Associate Professor	Member
11	Dr.J. Durga Prasad, Senior Assistant Professor	Member
12	Dr.Md.S. Rahaman, Assistant Professor	Member
13	Mrs.B. Kalpana, Assistant Professor	Member
14	Mrs.G.Lalitha Madhavi, Assistant Professor	Member
15	Mrs.A. Siva Naga Lakshmi, Assistant Professor	Member

The following resolutions are made in Board of Studies in Business Administration for EVEN Semesters to recommend to the 41st Academic Council for its approval.

PG -MBA

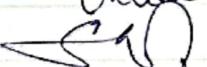
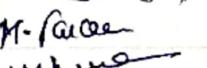
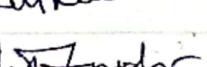
1. It is resolved and recommended to adopt the proposed curriculum structure of **MBA** program for the students admitted in the academic year 2020-2021 and onwards (ex post facto approval);
2. It is resolved and recommended to approve the proposed syllabi of all courses of the I semester of **MBA** program for the students admitted in the academic year 2020-2021 and onwards (ex post facto approval);
3. It is resolved and recommended to adopt the proposed curriculum structure and syllabi of all courses of the II semester of the **MBA** program for the students admitted in the academic year 2020-2021 and onwards;
4. It is resolved and recommended to offer guidance by faculty members to the students in securing **MOOCs certification** in II Semester for **MBA** programme for the students admitted in the academic year 2020-21 and onwards.
5. It is resolved and recommended to introduce innovative evaluation metrics in **CIA** (Case studies / Open book system) of courses on selective basis instead of using a similar kind of evaluation pattern for all the courses for the **MBA** programme for the students admitted in the academic year 2020-21 and onwards.
6. It is resolved and recommended to introduce **Theme Based Project Work** with an application of secondary data, research-based online surveys and internships from reputed organizations both online and offline as a substitute for industrial training at the end of second semester for **MBA** program for the students admitted in the academic year 2020-21 and onwards. Based on which the student has to submit a **Theme Based Term Paper** in not less than 30 pages with a plagiarism check certificate (less than 20% similarity).
7. It is resolved and recommended follow the **LTP** mode of teaching including 4 Lecture Hours, 1 Tutorial Hour as part of teacher instruction and 1 Hour of practical assignment as an Off classroom activity for each course of the **MBA** programme for the students admitted in the academic year 2020-21 and onwards.
8. It is resolved and recommended to introduce Case studies, Role plays, Seminars and Game simulation, etc as a part of the co-curricular activity with respect to all the courses of the II & IV Semesters of **MBA** Program for the students admitted in the academic year 2020-21 and onwards.

9. It is resolved and recommended to introduce a Certification Programme on Business Analytics by the Department of Business Administration in the academic year 2021-22.

10. It is resolved and recommended to allow only those students who have completed at least **ONE** MOOC certificate from **NPTEL / SWAYAM / edX / Coursera / NSE-NCFM / IRDA / NISM** to attend the **Comprehensive Viva-Voce (BA 461)** at the end of IV Semester from the academic year 2020-21 and onwards.

Minutes of the meeting of Board of Studies in Physics conducted in the Department of Physics on 4-7-2020.

Members Present

1. Dr. K. Bhargavi	Chairman	
2. Prof. S. V. Ramana Reddy	University Nominee	Online
3. Prof. Thota Subba Rao	Subject Expert	Online
4. Prof. V. Ravi Kumar	Subject Expert	Online
5. Kum. Kanthi	Alumna	Online
6. Dr. T. Suneetha Rani	Member	
7. Smt. M. Tasneem	Member	
8. Sri S. Vijayakrishna	Member	
9. Sri N. Rajasekhar	Member	
10. Dr. T. Srinivasa Reddy	Member	
11. Smt. B. Anitha	Member	
12. Dr. T. S. Krishna	Member	
13. Dr. Syam Prasad	Subject Expert	Online

Resolutions:

1. It is resolved to follow the existing syllabi with the adopted CO's for 3rd semester PHYT31 and PHYP31 with respect to theory and practical courses for the students admitted in the academic year 2019-20 onwards.
2. Due to the outbreak of pandemic covid-19 the teaching mode of syllabus with respect to I, III & V semesters is framed to complete 25% in online mode and 75% in offline mode. The online component may be increased upto 50% depending on exigency.



Minutes of the meeting of Board of Studies
in Physics Conducted in the Department
of Physics on 27-03-21 at 11.00 am and

Members present :-

- 1) Dr. K. BHARGAVI Chairman BBG
- 2) Prof. S. V. Ramana Reddy University nominee (online)
- 3) Prof. V. Ravikumar Subject expert Demana
- 4) Kanthi T. P. (Alumna) T. P. Kanthi
- 5) Dr. Suneetha Rani
- 6) Mrs B. Anitha
7. Dr. T. S. Krishna Krishna
8. M. Tasneem M. Tasneem
9. S. Vijayalakshmi Vijayalakshmi
10. N. Rajasekhar N. Rajasekhar
11. T. Srinivasa Reddy TRR

Resolutions :-

The following resolutions are made in Board of Studies in Physics for EVEN Semesters held on 27th March 2021

1. It is resolved and recommended to introduce the course with the title "Mechanics, Waves and Oscillations" for both theory and practical courses with course codes **PHYT11B** and **PHYP11B** respectively for the first semester of **B.Sc MPC** and **B.Sc MPSC** programmes adopting COs in line with the guidelines of **OBE** following Bloom's taxonomy for the students admitted in the academic year 2020-2021 and onwards. It is placed for ex post facto approval. (ex post facto approval).
2. Basing on the direction of APSCHE and KRISHNA UNIVERSITY, it is resolved and recommended to introduce the course titled "Wave Optics" in the second semester for **B.Sc MPC** and **B.Sc MPSC** programmes with course code **PHYT21B** for theory and **PHYP21B** adopting COs in line with the guidelines of **OBE** following Bloom's taxonomy for the students admitted in the academic year 2020-2021 and onwards. The paper "Wave optics" with course code **PHYT31** for theory and with course code **PHYP31** for practical was studied by the earlier students in the third semester.
3. It is resolved and recommended to adopt COs for the course code **PHYT41** titled **Thermodynamics and Radiation Physics** of fourth semester of **B.Sc MPC** and **B.Sc MPSC** programmes in line with the guidelines of **OBE** following Bloom's taxonomy for the students admitted in the academic year 2019-2020.
4. It is resolved and recommended to introduce Skill Development Course titled **ELETICAL APPLIANCES** with course code **SDCPHY01** in I/II/III/IV semesters of **B.Sc MPC** and **B.Sc MPSC** programmes for the students admitted in the academic year 2020-21 and onwards.

JK

Members Minutes of the Meeting of
board of Studies in Statistics held on ~~30.6.2020~~
in dept of Statistics. 06.7.2020,

Members present:

- ① G. Chakravarthi. Chairman.
Hod. Dept. of Statistics. G. chakravarthy
P. B. Siddhartha College, Vizag.
- ② Prof. K. Srinivasa Rao. University Nominee.
Andhra University.
Visakhapatnam. (online)
- ③ Dr. S. Hannantha Rao. Subject Expert
Dept. of Management Studies. S. H. R.
Uiganam. University, Guntur.
- ④ P. Sangetha Lakshmi. Alumni P. Sangetha Lakshmi
- ⑤ Sri. E. Murali Krishna. Member. E. Murali Krishna
Cust. in Dept. of Statistics.
- ⑥ Sri. A. Baleji. Member. A. Baleji
Cust. in Dept. of Statistics.
- ⑦ Smt. M. Siva Paavathi. Member. M. Siva Paavathi
Cust. in Dept. of Statistics.
- ⑧ Smt. V. Raj Kumari. Member. (online)
Cust. in Dept. of Statistics.

(9) Dr. D. C. V. Siva Kumar. Member. (online)
 Lect. in. Dept. of Statistics.

(10) SK. Nasarudeen. Member. (online)
 Lect. in. Dept. of Statistics.

Resolutions:

(1) Resolved to approve the syllabi and model papers of Statistics to BA/B.Sc in Semester - I w.e.f the admitted batch of the academic year 2020-21

Syllabus: I Sem : Descriptive Statistics & Probability (STAT 11B)

Descriptive Statistics & Probability (STAT 11B)

Model Paper: Consisting of two Sections A & B having the following pattern

Section A: Answer any 5 questions out of 8 questions

Each question carries 5M and a total of 25M.

Section B: Two questions from each unit with internal choice.
 Each question carries 10M and a total of 50M.

(2) Resolved to approve the ~~Syllabi~~ and model paper of Statistics to BA/B.Sc in Semester - II w.e.f the admitted batch of the academic year 2020-21

Syllabus: II Sem : Probability distributions and Statistical Inference - I (STAT 31A) (STAT 31A)

Model Paper: Consisting of two Sections A & B having the following pattern

Section A: Answer any 5 questions out of 8 questions

Each question carries 5M and a total of 25M.

Section B: Two questions from each unit with internal choice
 Each question carries 10M and a total of 50M.

BOS meeting NO. 37

Minutes of the meeting of Board of studies in Zoology held on 18-03-2020 in the department of Zoology, P.B. Siddhartha College of Arts & Science, Vijayawada.

Members present :

1. Sri Ch.Venkateswarlu

H.O.D in Zoology & BOS Chairman

2. University Nominee

Dr.J.Naveena Lavanya Latha

Assistant Professor

Department of Biotechnology

Krishna University, Machilipatnam.

3. Subject Experts

A. Prof.G.Benerjee

Department of Zoology and Aquaculture

Kakateeya University, Warangal.

B. Dr. P.Janakiram

Associate Professor,

Department of Marine Living Resources (MLR),

Andhra University, Visakhapatnam.

4. Industrialist

Sri K. Manohar

Lab Manager, Anoor Envirokem and Food
Analytical Laboratories,
Pinnamaneni Polyclinic Road, KVSR Siddhartha College
Of Pharmaceutical Sciences Campus, Vijayawada.

5. Alumni

K. Sri Ram Kumar,
21-17/1-14, Madhura Nagar
Vijayawada-11.

6. Special Invitee

Sri V. Baburao
Director,
P.B.Siddhartha College of Arts & Science, Vijayawada.

7. Internal member

Smt. Ch. Sirisha
Lecturer in Zoology

RESOLUTIONS

1. It is resolved to adopt COs to the course code ZOOT11A&ZOOP11A from the batch of student in the academic year 2020-21 and onwards

It is resolved to the structure for degree programme is changed, as contemplated by APSHE, the changed structure will be adopted for the students admitted in the Academic Year 2020-21 and onwards

It is resolved to revise the syllabus of the course code ZOOT11 &ZOOP11 titled Animal Diversity – I Biology of Invertebrates to be taught in I Semester as ZOOT11A & ZOOP11A titled Animal Diversity – I Biology of Non Chordates from the batch of students admitted in the academic year 2020-21 and onwards

2. It is resolved to adopt COs to the course codes ZOOT31 and ZOOP31 from the batch of student in the academic year 2019-20 and onwards.

3. It is resolved to teach syllabi with respect to I, III & V semesters 25% online and 75% offline for this academic year in view of COVID 19 pandemic. The online component may be increased upto 50% depending on the exigency. The topics to be covered in online and offline are indicated in the respective syllabi.

4. It is resolved to revise the syllabus of the coursecode ZOOT51 titled Animal Biotechnology to be taught in V Semester as ZOOT51A titled Animal Biotechnology from the batch of students admitted in the academic year 2018-19 and onwards.

BOS Meeting NO. 38

Minutes of the meeting of Board of studies in Zoology held on 26-03-2021 in the Department of Zoology, P.B. Siddhartha College of Arts & Science, Vijayawada.

Members present:

1. Sri Ch.Venkateswarlu

H.O.D in Zoology & BOS Chairman

2. University Nominee

Dr.J.NaveenaLavanyaLatha

Assistant Professor

Department of Biotechnology

Krishna University, Machilipatnam.

Subject Experts

3. Prof.G.Benerjee

Department of Zoology and Aquaculture

Kakatiya University, Warangal.

4. Dr. P.Janakiram

Associate Professor,

Department of Marine Living Resources (MLR),

Andhra University, Visakhapatnam.

Industrialist

5. Sri K. Manohar

Lab Manager, Anoor Envirokem and Food Analytical Laboratories,

Pinnamaneni Polyclinic Road,

KVSR Siddhartha College of Pharmaceutical Sciences Campus,

Vijayawada.

Alumni

6. K. Sri Ram Kumar,

Technical trainee RGCA L.Vennamei Broodstock Center Tasparc, Bheemili

Visakhapatnam

Special Invitee

7. Sri V. Baburao, Director,

P.B.Siddhartha College of Arts & Science,

Vijayawada.

Internal member

8. Smt. Ch. Sirisha,

Lecturer in Zoology,

P.B. Siddhartha College of Arts & Science, Vijayawada

RESOLUTIONS

1. It is resolved to adopt COs to the course codes ZOOT21A from the batch of student in the academic year 2020-21 and onwards.
2. It is resolved to teach syllabi with respect to II, IV & VI semesters.
3. It is resolved to revise the syllabus of the course code ZOOT21 &ZOOP21 titled **Biology of Chordates** to be taught in II Semester as ZOOT21A &ZOOP21A titled from the batch of students admitted in the academic year 2020-21 and onwards.
4. It is resolved to adopt COs to the course codes ZOOT41 and ZOOP41 from the batch of students in the academic year 2020-21 and onwards.
5. It is resolved to the structure for degree programme is changed, as contemplated by APSHE, the changed structure will be adopted for the students admitted in the Academic Year 2020-21 and onwards

DEPARTMENT OF GENERAL STUDIES

Minutes of the meeting of Board of studies in General studies held on 06/07/2020 at 09:30 AM in Department of Botany, P.B. Siddhartha College of Arts & Science, Vijayawada-10.

Members present:

1	Dr.M. Ramesh, Principal	Chairman	Sd/-
2	Prof. Endam Appala Narayana, Department of Political Science & Administration, Andhra University	University Nominee	Sd/-
3	Dr. T. Damodaram, Department of Environmental Science, Sri Venkateswara University, Tirupati	University Nominee	Sd/-
4	Dr. N. Usha, Professor, Department of English, Krishna University.	University Nominee	Sd/-
5	Mrs. R. Vijaya Kumari, Krishna University, Machilipatnam.	University Nominee	Sd/-
6	Dr. D. Jyothirma, Assistant Professor in English, Adikavi Nannayya University	Subject Expert	Sd/-
7	Dr. P. Padmavathi, Associate Professor in Zoology, Acharya Nagarjuna University	Subject Expert	Sd/-
8	Dr. N.C.S. Rao, Associate Professor, Department of Business Administration, VR Siddhartha College of Engineering & Technology	Subject Expert	Sd/-
9	Sri T. Siva Rama Krishna, Assistant Professor in Computer Science, JNTU, Kakinada	Subject Expert	Sd/-
10	Sri D. Nilkhil Rajesh, Lecturer in Botany	Member	Sd/-
11	Sri K. Sridhar, Lecturer in Computer Science	Member	Sd/-
12	Sri M. Sivarajanji, Lecturer in Commerce	Member	Sd/-
13	Sri EVVS Siva Kumar, Lecturer in Computer science	Member	Sd/-
14	Mrs. Y. Triveni, Lecturer in Computer science	Member	Sd/-
15	Sri K. Perachary, Lecturer in English	Member	Sd/-
16	Smt.Ch. Ananta Sai Lakshmi, Lecturer in English	Member	Sd/-
17	Sri K. Vijay, Lecturer in Business Management	Member	Sd/-
18	Smt.V. Bhanu Nareesha, Lecturer in Placements	Member	Sd/-
19	Dr.Ch. Rajeswari, Lecturer in Placements	Member	Sd/-
20	Sri Ch. Syam Babu, Lecturer in Placements	Member	Sd/-
21	Smt.Ch.V. Rohini Kusuma, Lecturer in Economics	Member	Sd/-
22	Dr.ANV Durga Anupama, Lecturer in Commerce	Member	Sd/-
23	Smt.O. Padmaja, Lecturer in Commerce	Member	Sd/-
24	Dr.G. Anjali, Lecturer in Business Management	Member	Sd/-
25	Sri K. Brahmayya Chowdary, Dept. of CSC	Member	Sd/-

The following are the resolutions are made in the Board of studies in General Studies for ODD semester to recommend to the 40th Academic council for its approval.

In view of COVID-19 pandemic, the following resolutions were suggested by the members of the board for the students of I, II, III and IV Semesters of all programmes during academic year 2020 – 2021.

1. It is resolved to teach all Ability Enhancement Courses (AEC) 50% Online and 50% Offline (Classroom teaching).
2. It is resolved to introduce “Building Chatbots” as ICT-I in lieu of Computer fundamentals and Office Tools for BSc; MSDS programme in Second semester for the batch of students admitted from the academic year 2020-21 and onwards.
3. It is resolved to introduce Communication and Soft Skills-III with course code AEC010 in lieu Business Communication and Soft Skills-I with Course code AEC015 of IV Semester for the Students of BBA Business Analytics admitted in the academic year 2019-20 and onwards.

The topics to be dealt Online were indicated in respective syllabi.

All the resolutions are moved to Academic Council for its approval.

DEPARTMENT OF MATHEMATICS

Board of Studies meeting 2020-2021 (Odd Semester) in Mathematics was held on 3rd July 2020, through online.

Members Present

1.	Prof.V. Lakshmi Prasannam, HOD	Chairman	Sd/-
2	Prof.V. Umamaheswara Rao, AU	University Nominee	Sd/-
3	Prof. K.K.M. Sarma, AU	Subject Expert	Sd/-
4	Prof.Y.N. Reddy, NIT, Warangal	Subject Expert	Sd/-
5	Dr.V. Amarendra Babu, ANU	Alumnus	Sd/-
6	Sri I.V. Venkateswara Rao, Sr.Asst. Professor & Dy.HOD	Member	Sd/-
7	Dr.J.L. Rama Prasad, Assistant Professor	Member	Sd/-
8	Smt.T. Anuradha, Assistant Professor	Member	Sd/-
9	Sri P. Babu Rao, Vice-Principal & Dy.HOD	Member	Sd/-
10	Sri P.S. Chakravarthy, Lecturer	Member	Sd/-
11	Sri A. Venkatesh, Lecturer	Member	Sd/-
12	Smt.K. Anupama, Lecturer	Member	Sd/-
13	Smt.S. Siva Naga Lakshmi, Lecturer	Member	Sd/-
14	Sri M. Sreekanth, Lecturer	Member	Sd/-
15	Sri T. Siva Krishna, Lecturer	Member	Sd/-

The following resolutions are made in Board of Studies in Mathematics for ODD Semesters to recommend to the 40th Academic Council for its approval.

PG

- 1) It is resolved to adopt COs for the course codes MA3T1(RINGS AND MODULES), MA3T2(COMPLEX ANALYSIS), MA3T3(FUNCTIONAL ANALYSIS-I) MA3T4 [OPTIONAL PAPER: (a) MA3T4A- LATTICE THEORY, (b). MA3T4B- SEMI GROUPS, (c) MA3T4C-NUMBER THEORY], MA3T5[OPTIONAL PAPER: (a) MA3T5A- OPERATIONS RESEARCH-I (b) MA3T5B- THEORY OF COMPUTER SCIENCE-I] of the third semester of M.Sc. Mathematics Programme in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2019-20 and onwards(APPENDIX-I). Model papers with COs and levels of Bloom's taxonomy are appended at the end of the syllabi(APPENDIX-II)
- 2) It is resolved to continue the AOC course for III semester students admitted in 2019-20 with the syllabus approved in BOS meeting held on 23rd March 2019.
- 3) It is resolved to follow the I semester syllabus approved in BOS meeting held on 23rd March 2019 for the students of I semester M.Sc. Mathematics admitted in the academic year 2020-21.
- 4) Due to the outbreak of the pandemic Covid-19, the teaching mode of syllabus is framed to complete 75% in offline mode and 25% in online mode. The online component may be increased to 50% - 100% depending on exigency.

1. It is resolved to adopt COs for the course code **MATT31 (Abstract Algebra)** of the III SEM of B.A (EMS) /B.Sc (MPC, MPCS, MECS, MSCS, MSCE, CAME) programme in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2019-2020 onwards. Model papers with COs and levels of Bloom's taxonomy are appended at the end of the respective syllabi.
2. It is resolved to introduce the syllabus **Numerical Analysis and Special Functions** of the I SEM of B.Sc (MSDS) programme with COs in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2020-2021 onwards. Model papers with COs and levels of Bloom's taxonomy are appended at the end of the respective syllabi
3. It is resolved to introduce the syllabus **Linear Algebra and Matrices** of the III SEM of B.Sc (MSDS) programme with COs in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2019-2020 onwards. Model papers with COs and levels of Bloom's taxonomy are appended at the end of the respective syllabi
4. Due to the outbreak of the pandemic Covid-19, the teaching mode of syllabus with respect to I, III and V Semesters is framed to complete 75% in offline mode and 25% in online mode. The online component may be increased to 50% - 100% depending on exigency.
5. The Structure for Degree Programmes is changed, as contemplated by APSCHE, the changed structure will be adopted for the students admitted in the Academic Year 2020 – 2021 and onwards.



PARVATHANENI BRAHMAYYA
SIDDHARTHA COLLEGE OF ARTS & SCIENCE :: VIJAYAWADA - 10

DEPARTMENT OF MATHEMATICS

Minutes of the **online meeting** of the members of Board of Studies in Mathematics held on 3rd July 2020 through Zoom App at 10:30 a.m.

Members Present:

1. Prof. V. Lakshmi Prasannam Professor & Head	Chairman	<i>V. Lakshmi Prasannam</i>
2. Prof V. Uma Maheswara Rao Department of Applied Mathematics Andhra University	University Nominee	
3. Prof. K.K.M. Sarma Department of Mathematics Andhra University	Subject Expert	
4. Prof. Y.N.Reddy Department of Mathematics NIT, Warangal.	Subject Expert	
5. Dr. V. Amarendra Babu (Alumnus) Department of Mathematics, Acharya Nagarjuna University.	Subject Expert	
5. Sri. I.V.Venkateswara Rao, Sr. Asst. Professor & Dy. Head	Member	<i>I.V. Venkateswara Rao</i>
6. Dr. J. L. Rama Prasad, Asst. Professor	Member	<i>J. L. Rama Prasad</i>
7. Smt. T. Anuradha, Asst. Professor	Member	<i>T. Anuradha</i>

Agenda:

1. To recommend the syllabus of III Semester M.Sc. Mathematics with CO's and PO's as per blooms taxonomy under Choice Based Credit System for the batch of students admitted in 2019 -20 and onwards.

II

held

now

Re

O's
nts

2. To recommend the Model Question Papers of III Semester of M.Sc. Mathematics with CO's and PO's as per blooms taxonomy under Choice Based Credit System for the batch of students admitted in 2019 -20 and onwards.
3. To continue the AOC course for III semester students admitted in 2019-20 with the syllabus approved in BOS meeting held on 23rd March 2019.
4. To follow the I semester syllabus approved in BOS meeting held on 23rd March 2019 for the students of I semester M.Sc Mathematics admitted in the academic year 2020-21.
5. Any other matter with permission of the chair.

RESOLUTIONS:

- 1) It is resolved to adopt COs for the course codes MA3T1(RINGS AND MODULES), MA3T2(COMPLEX ANALYSIS), MA3T3(FUNCTIONAL ANALYSIS-I) MA3T4 [OPTIONAL PAPER: (a) MA3T4A- LATTICE THEORY, (b). MA3T4B- SEMI GROUPS, (c) MA3T4C-NUMBER THEORY], MA3T5[OPTIONAL PAPER: (a) MA3T5A- OPERATIONS RESEARCH-I (b) MA3T5B- THEORY OF COMPUTER SCIENCE-I] of the third semester of M.Sc. Mathematics Programme in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2019-20 and onwards(APPENDIX-I). Model papers with COs and levels of Bloom's taxonomy are appended at the end of the syllabi(APPENDIX-II)
- 2) It is resolved to continue the AOC course for III semester students admitted in 2019-20 with the syllabus approved in BOS meeting held on 23rd March 2019.
- 3) It is resolved to follow the I semester syllabus approved in BOS meeting held on 23rd March 2019 for the students of I semester M.Sc. Mathematics admitted in the academic year 2020-21.
- 4) Due to the outbreak of the pandemic Covid-19, the teaching mode of syllabus is framed to complete 75% in offline mode and 25% in online mode. The online component may be increased to 50% - 100% depending on exigency.

V. Lakshmi Prasad



PARVATHANENI BRAHMA
SIDDHARTHA COLLEGE OF ARTS & SCIENCE :: VIJAYAWADA - 10
DEPARTMENT OF MATHEMATICS

Minutes of the **online meeting** of the members of Board of Studies in Mathematics(PG) held on 16th April 2021 through Zoom App at 3:30 p.m.

Members Present:

1. Prof. V. Lakshmi Prasannam Professor & Head	Chairman	<i>V. Lakshmi Prasannam</i>
2. Prof V. Uma Maheswara Rao Department of Applied Mathematics Andhra University	University Nominee	
3. Prof. K.K.M. Sarma Department of Mathematics Andhra University	Subject Expert	
4. Prof. Y.N.Reddy Department of Mathematics NIT, Warangal.	Subject Expert	
5. Dr. V. Amarendra Babu (Alumnus) Department of Mathematics, Acharya Nagarjuna University.	Subject Expert	
5 Sri. I.V.Venkateswara Rao, Sr. Asst. Professor & Dy. Head	Member	<i>I. V. Venkateswara Rao</i>
6. Dr. J. L. Rama Prasad, Asst. Professor	Member	<i>J. L. Rama Prasad</i>
7. Smt. T. Anuradha, Asst. Professor	Member	<i>T. Anuradha</i>

AGENDA:

1. To recommend the Syllabus & Model Question papers of IV Semester M.Sc. Mathematics with CO's and PO's as per blooms taxonomy under Choice Based Credit System for the batch of students admitted in 2019 -20 and onwards.
2. To recommend the Programme Structure, Syllabus and Model Question papers of I and II Semesters of M.Sc Mathematics for the students admitted in 2020 -21 and onwards.
3. Any other matter with permission of the chair.

RESOLUTIONS:

- 1) It is resolved to adopt COs for approved syllabus of fourth semester M.Sc. Mathematics Programme in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2019-20 and onwards.
- 2) It is resolved to recommend the Programme Structure of M.Sc Mathematics for the students admitted in 2020 -21 and onwards.
- 3) It is resolved to ratify the implementation of syllabus & Model Question papers for the courses 20MA1T1(REAL ANALYSIS), 20MA1T2(ORDINARY DIFFERENTIAL EQUATIONS), 20MA1T3(ALGEBRA), 20MA1T4(TOPOLOGY), 20MA1T5(C PROGRAMMING), 20MAIL1(PRACTICAL), 20MAIL2(C PROGRAMMING LAB) of I semester M.Sc. Mathematics for the students admitted in the academic year 2020-21 and onwards.
- 4) It is resolved to recommend the syllabus & Model Question papers for the courses 20MA2T1(COMPLEX ANALYSIS), 20MA2T2(NUMERICAL METHODS), 20MA2T3(PARTIAL DIFFERENTIAL EQUATIONS), 20MA2T4(GRAPH THEORY & ALGORITHMS), 20MA2L1(PRACTICAL), 20MA2L2(NUMERICAL METHODS LAB) of II semester M.Sc. Mathematics for the students admitted in the academic year 2020-21 and onwards.
- 5) It is resolved to recommend the syllabus & Model Question paper for the course 'OPEN ELECTIVE -I (COMPUTATIONAL MATHEMATICS)' offered by the department of Mathematics for the II semester PG students of the other departments admitted in the academic year 2020-21 and onwards.
The students of II semester M.Sc Mathematics admitted in the academic year 2020-21 and onwards will select the course OPEN ELECTIVE -I offered by other PG departments.
- 6) Due to the outbreak of the pandemic Covid-19, the teaching mode of syllabus is framed to complete either in offline or online mode depending on exigency.

N. Lakshmi Prasanna

V. Usha Maheswari

MODIFIED RESOLUTIONS: (As Per Krishna University Revised M.Sc Mathematics
Program Structure- 10th May 2021)

- 1) It is resolved to adopt COs for approved syllabus of fourth semester M.Sc. Mathematics Programme in line with the guidelines of OBE following the Bloom's taxonomy for the students admitted in the academic year 2019-20 and onwards.
- 2) It is resolved to recommend the revised programme structure of M.Sc Mathematics for the students admitted in 2020 -21 and onwards.
- 3) It is resolved to ratify the implementation of syllabus & Model Question papers for the courses 20MA1T1(REAL ANALYSIS), 20MA1T2(ORDINARY DIFFERENTIAL EQUATIONS), 20MA1T3(ALGEBRA), 20MA1T4(TOPOLOGY), 20MA1T5(C PROGRAMMING), 20MA1L1(PRACTICAL), 20MA1L2(C PROGRAMMING LAB) of I semester M.Sc. Mathematics for the students admitted in the academic year 2020-21 and onwards.
- 4) It is resolved to recommend the syllabus & Model Question papers for the courses 20MA2T1(COMPLEX ANALYSIS), 20MA2T2(NUMERICAL METHODS), 20MA2T3(PARTIAL DIFFERENTIAL EQUATIONS), 20MA2T4(GRAPH THEORY & ALGORITHMS), 20MA2T5(LATTICE THEORY), 20MA2T6(REAL ANALYSIS-II), 20MA2L1(NUMERICAL METHODS LAB) of II semester M.Sc. Mathematics for the students admitted in the academic year 2020-21 and onwards.
- 5) Due to the outbreak of the pandemic Covid-19, the teaching mode of syllabus is framed to complete either in offline or online mode depending on exigency.

V. Lalith Prasanna