

IGNOU/SOCIS/RSD/2024
21st October, 2024

Please find enclosed the following items duly approved in the 58th School Board Meeting of SOCIS held on 27th September, 2024 (Annexure-A) and subsequently approved by the Vice-Chancellor (Annexure-B).

Item No.	Details
Item No. 58.11	To consider and approve eligibility conditions of Academic Counselors of courses of BCA_NEW and BCA_NEWOL
Item No. 58.12	To consider and approve the eligibility conditions for Project Evaluators of BCSP-165.
Item No. 58.14	To consider and approve the number of academic counselling sessions of courses of BCA_NEW and BCA_NEWOL.

Eligibility conditions of Academic Counselors (Annexure- 58.11.1), eligibility conditions of Project Evaluators of BCSP-165 (Annexure-58.12.1) and number of academic counseling session (Annexure-58.14.1) of courses of BCA_NEW and BCA_NEWOL for further necessary action.

Submitted please.

~~Director, RSD~~

With a request to inform all the RCs.

(Prof. Sandeep Singh Rawat)
Director, SOCIS

आचार्य संदीप सिंह रावत / Prof. Sandeep Singh Rawat
निदेशक / Director
कम्प्यूटर एवं सूचना विज्ञान विद्यापीठ / SOCIS

Please inform all the RCs with copy to all the academics of the RSD and VCO

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v.c. w
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*SOCIS 1674
21/10/24*

*RSD/R/3068
21/10/24*

**IGNOU
SOCIS**

Minutes of the 58th Meeting of School Board of School of Computer & Information Sciences (SOCIS)

The 58th Meeting of School Board of SOCIS was held on 27th September, 2024 at 11:00 a.m. through Online Mode.

The following members were present in the meeting:

- | | |
|--------------------------------------------------------------------|-------------------|
| 1. Prof. Sandeep Singh Rawat, Director, SOCIS, IGNOU | - Chairperson |
| 2. Sh. Kapil Pandey, SAP Solution Architect, HCL Technologies Ltd. | - External Member |
| 3. Dr. H. Ravi Sankar, Principal Scientist & OIC, ICAR-CTRI | - External Member |
| 4. Prof. A. K. Mohaptra, Professor & Head, Dept. of IT, IGDTUW | - External Member |
| 5. Prof. Amit Prakash Singh, USICT, GGSIPU | - External Member |
| 6. Prof. Narayan Prasad, Professor, SOSS, IGNOU | - Member |
| 7. Dr. Vibhuti Gaur, Associate Professor, SOH, IGNOU | - Member |
| 8. Dr. Namrata Singh, Assistant Professor, SOS, IGNOU | - Member |
| 9. Prof. P.V. Suresh, Professor, SOCIS, IGNOU | - Member |
| 10. Prof. V.V. Subrahmanyam, Professor, SOCIS, IGNOU | - Member |
| 11. Prof. Divakar Yadav, Professor, SOCIS, IGNOU | - Member |
| 12. Dr. Akshay Kumar, Associate Professor, SOCIS, IGNOU | - Member |
| 13. Dr. M.P. Mishra, Associate Professor, SOCIS, IGNOU | - Member |
| 14. Dr. Sudhansh Sharma, Assistant Professor, SOCIS, IGNOU | - Member |

Prof. Zahid Raza and Prof. Ramesh Yadav could not attend the meeting.

At the outset, the Chairperson welcomed all the members of School Board. He also thanked all the School Board members for sparing their valuable time for making it convenient to attend the meeting.

Item No. 58.1 To confirm the Minutes of the 57th Meeting of School Board held on 3rd May, 2024.

Discussion: The Minutes of the 57th Meeting of School Board of SOCIS held on 3rd May, 2024 were circulated among members/participants for their comments/suggestions. No comments/suggestions were received after the last circulation. The Minutes were placed before the Board for confirmation.

Decision: The School Board confirmed the Minutes (Annexure - 58.1.1) of the 57th Meeting of School Board of SOCIS held on 3rd May, 2024.

Item No. 58.2 To confirm the Minutes of Meeting of School Board (By Circulation) of School of Computer and Information Sciences (SOCIS) held on 19th June, 2024.

Discussion: The Minutes of the Meeting of School Board (By Circulation) of SOCIS held on 19th June, 2024 were circulated among members for their

(Revised)/BCAOL to BCA_NEW/BCAOL CAOL is placed before the School Board for consideration and approval.

Decision: The School Board considered and approved the Credit Transfer policy from BCA (Revised)/BCAOL to BCA_NEW/BCAOL.

✓ **Item No.58.11** **To consider and approve eligibility conditions of Academic Counselors of courses of BCA_NEW and BCA_NEWOL.**

Discussion: The Eligibility condition for Academic Counselors of the courses of BCA_NEW and BCA_NEWOL (Annexure-58.11.1) are decided by the faculty as per the University norms.

Decision: The School Board considered and approved the Eligibility conditions of Academic Counselors of BCA_NEW and BCA_NEWOL.

✓ **Item No.58.12** **To consider and approve the eligibility conditions for Project Evaluators of BCSP-165**

Discussion: The Project Evaluators of BCSP-165 of BCA_NEW and BCA_NEWOL (58.12.1) as decided by the faculty as per the University Norms.

Decision: The School Board considered and approved the Eligibility conditions for Project Evaluators of BCSP-165 for BCA_NEW and BCA_NEWOL.

Item No.58.13 **To consider and approve the evaluation methodology of courses of BCA_NEW and BCA_NEWOL.**

Discussion: Evaluation Methodology of various courses of BCA_NEW and BCA_NEWOL (Annexure-58.13.1) as decided by the faculty as per the University norms.

Decision: The School Board considered and approved the Evaluation Methodology of various courses of BCA_NEW and BCA_NEWOL.

✓ **Item No.58.14** **To consider and approve the number of academic counselling sessions of courses of BCA_NEW and BCA_NEWOL.**

Discussion: Academic counselling sessions of various courses of BCA_NEW and BCA_NEWOL (Annexure-58.14.1) as decided by the faculty as per the University norms.

Decision: The School Board considered and approved the Counselling sessions of various courses of BCA_NEW and BCA_NEWOL.

Item No.58.15 **Renaming of two courses of M.Sc in Data Science and Analytics (MSCDSA):**

(1) **Mathematical Foundation for Data Science –I as “Mathematical Foundations –I”**

(2) Mathematical Foundation for Data Science –II as “Mathematical Foundations – II”

Discussion: Name of two courses namely Mathematical Foundation for Data Science –I and Mathematical Foundation for Data Science –II for M.Sc in Data Science and Analytics were allotted course code by the Planning Division (Annexure-58.15.1) and subsequently PDF and PPR were approved with syllabus by the Vice-Chancellor and Academic Council. These courses are being adopted in the Programme Structure of M.Sc in AI & ML.

Decision: School Board Considered and approved the renaming of two courses of M.Sc in Data Science and Analytics (MSCDSA)-
 (1) Mathematical Foundation for Data Science –I as “Mathematical Foundations –I”
 (2) Mathematical Foundation for Data Science –II as “Mathematical Foundations – II”

Item No. 58.16 To Consider and approve the Course/Unit Writer for the course Big Data Analytics (MCS-071) of M.Sc in Data Science and Analytics (MSCDSA)

Discussion: The following name is proposed for the Course/Unit Writer of MCS-071: Big Data Analytics of M.Sc in Data Science and Analytics (MSCDSA):

Dr. Ravinder Reddy B.,
 Assistant Professor, Deptt. Of CSE,
 Anurag University (Formerly Anurag Group of Institutions)

Decision: The School Board considered and approved the proposed name for the Course/Unit Writer of MCS-071: Big Data Analytics of M.Sc in Data Science and Analytics (MSCDSA).

Item No. 58.17 SWAYAM MOOCS Courses:
MCS-211: Design and Analysis of Algorithms, MCS-226: Data Science and Big Data, BCS-12: Basic Mathematics, BCS-042: Introduction to Algorithm Design to be offered from January, 2025 session.

The School Board acknowledged and welcomed the step taken by the School

(Prof. Sandeep Singh Rawat)
 Sandeep Singh Rawat
 Chairman
 School Board
 School of Computer and Information Sciences

IGNOU
School of Computer and Information Sciences

IGNOU/SOCIS/VC/2024/1158
14th October, 2024

Sub: Approval of items of 58th School Board - reg.

58th School Board Meeting of SOCIS was held on 27th September, 2024. The Minutes of the 58th School Board Meeting is attached at Annexure-A. Approval of Hon'ble Vice-Chancellor is sought for the following items which have already been approved by the 58th School Board of SOCIS.

Item No.	Details
Item No. 58.9	To consider and approve the credit transfer scheme from MCA_NEW/MCAOL to MCA_NEW/MCAOL.
Item No. 58.10	To consider and approve credit transfer policy from BCA(Revised)/BCAOL to BCA_NEW/BCA_NEWOL
Item No. 58.11	To consider and approve eligibility conditions of Academic Counselors of courses of BCA_NEW and BCA_NEWOL
Item No. 58.12	To consider and approve the eligibility conditions for Project Evaluators of BCSP-165.
Item No. 58.13	To consider and approve the evaluation methodology of courses of BCA_NEW and BCA_NEWOL
Item No.58.14	To consider and approve the number of academic counselling sessions of courses of BCA_NEW and BCA_NEWOL.
Item No.58.15	Renaming of two courses of M.Sc in Data Science and Analytics (MSCDSA): (1) Mathematical Foundation for Data Science -I as "Mathematical Foundation -I" (2) Mathematical Foundation for Data Science -II as "Mathematical Foundation - II"
Item No.58.16	To Consider and approve the Course/Unit Writer for the course Big Data Analytics (MCS-071) of M.Sc in Data Science and Analytics (MSCDSA).

Submitted for approval please.

2025/11064
15/10/24

Vice-Chancellor

Kuma Kanjilal
15/10/24

D (SOCIS)

(Prof. Sandeep Singh Rawat)
Director, SOCIS
आचार्य संदीप सिंह रावत / Prof Sandeep Singh Rawat
निदेशक / Director
कम्प्यूटर एवं सूचना विज्ञान विभाग / SOCIS

कृपया कक्षाध्यक्ष
श्रीमान विवेक
दिनांक 14/10/24
समय
10757
15/10/24

Copy to:

- Item NO. 58.9 - MCA_NEW/MCAOL Programme coordinators
- 58.10 } BCA_NEW/BCA_NEWOL
- 58.11 } Programme coordinators
- 58.12 }
- 58.13 }
- 58.14 }

15/10/24
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आचार्य उमा कान्जीलाल
Vice-Chancellor
IGNOU

Educational Qualifications for Academic Counsellors for BCA NEW and BCA NEWOL Programmes

Course Code	Educational Qualifications for Academic Counsellors
MCS-201, MCS-202, MCS-203, MCSL-204, MCSL-205, MCS-206, MCS-207, MCS-208, MCSL-209	B.E / B.Tech./ B.S. and M.E. / M.Tech. / M.S. or Integrated M.Tech. in relevant branch with First Class or equivalent in any one of the degrees. OR B.E. B.Tech. and MCA with First Class or equivalent in any one of the two degrees. OR Graduation of three years duration with Mathematics as a compulsory subject and MCA with First Class or equivalent with 2 years of relevant experience after acquiring degree of MCA.
BCS-111, BCSL-013, BCS-041, BCS-042, BCS-053, BCS-131, BCSL-135, BCSL-146, BCSL-147, BCS-151, BCSL-159, BCSP-165	Ph.D in Computer Science / M.Tech. (Computer Science / IT) / MS (Computer Science / IT / Software systems) / M.Phil (Computers) OR B.Tech. (Computer Science/IT)/B.E.(Computer Science/IT) / MCA/ M.Sc (Computer Science/IT) with at least 2 years of experience in teaching (UG/PG) / industry
BCS-012	M.Sc. (Maths) or above with at least 2 years of teaching experience (UG/PG)
BCS-040	M.Sc. (Stats) / M.Sc. (Maths with specialization in Stats) / MCA / M.Tech / B.Tech (CS/IT) with at least two years of teaching exp (UG/PG) in Statistical Techniques
FEG-02	MA (English) or above with at least 2 years of experience in teaching preferably in Linguistics/ELT
BEGLA-136	UGC NET / Ph.D in the relevant field with M.A English and 3 years teaching experience
BEVAE-181,	All University and College teachers in the Discipline of Botany/Zoology/Environmental Sciences/Geography/Chemistry (Specialization in Environmental Chemistry).
BCOC-131,	UGC NET/ Ph.D in the relevant field with M.Com & 3 yrs. teaching experience
BCOS-184,	Essential Qualification: M.Com/MBA with 3 yrs. teaching experience Desirable Qualification: Ph.D in relevant field
BCOS-185	Essential Qualification: M.Com/MBA with 3 yrs. teaching experience Desirable Qualification: Ph.D in relevant field
BECS-184	M.Sc. (Maths/ Statistics/ Computer sciences/ Computer Applications)
MSEI-023, MSEI-027	Ph. D in Computer Science / M.Tech (Computer Science / IT) / MS (Computer Science / IT / Software systems) / M.Phil (Computers) OR B.Tech (Computer Science/IT) / B.E(Computer Science/IT) / MCA / M.Sc(Computer Science/IT) with at least 2 years of experience in teaching / industry

Sudhakar
 T.V.
 W. (M. V. S. S. S.)
 (D. M. P. Mishra)
 P. V. J.
 (P. V. J. S. S. S.)
 (S. S. S. S. S.)
 (S. S. S. S. S.)

**Educational Qualifications for Project Evaluators of BCSP-165 – Project course of
BCA_NEW and BCA_NEWOL Programmes**

BCSP-165	<p>Ph. D in Computer Science / M. Tech or equivalent in Computer Science with at least 5 years' experience in teaching computer science courses in MCA / M. Tech / B.E / B. Tech Programmes in Computer Science / Information technology/ Computer Engineering in a University / NITs/IITs/IITs</p> <p>OR</p> <p>B.E / B. Tech in Computer Science / IT or MCA working as the team leader for a period of 2 years in the top 20 NASSCOM registered companies / CMM level-3 or above companies with an overall post qualification experience of 7 years in software development.</p>
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Sudhanu
13/09/24

Livakar
13/09/24

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13/09/24

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(A. Manish) (P.V. Suresh)

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Counselling Sessions for BCA NEW and BCA NEWOL Courses

Course Code	Course Title	Credits	School	No. of Counselling Sessions
SEMESTER I				
BEVAE-181	Environmental Studies	4	SOS	05
BEGLA-136	English at Work Place	6	SOH	09
BCS-111	Computer Basics and PC Software	4	SOCIS	09
BCSL-013	Computer Basics and PC Software Lab	2	SOCIS	20
BCS-012	Basic Mathematics	4	SOCIS	12
Total Credits:		20		
SEMESTER II				
FEG-02	Foundation Course in English-2	4	SOH	05
MCS-202	Computer Organisation	4	SOCIS	06
MCS-203	Operating Systems	4	SOCIS	06
MCSL-204	WINDOWS and LINUX Lab	2	SOCIS	20
MCS-201	Programming in C and Python	4	SOCIS	06
MCSL-205	C and Python Lab	2	SOCIS	20
Total Credits:		20		
SEMESTER III				
MCS-208	Data Structures and Algorithms	4	SOCIS	06
MCSL-209	Data Structures and Algorithms Lab	2	SOCIS	20
MCS-207	Database Management Systems	4	SOCIS	06
BCS-131	Programming in C++	4	SOCIS	09
BCSL-135	DBMS and C++ Lab	2	SOCIS	20
BCS-040	Statistical Techniques	4	SOCIS	05
Total Credits:		20		
SEMESTER IV				
MCS-206	Object Oriented Programming using Java	4	SOCIS	06
BCSL-146	Object Oriented Programming using Java Lab	2	SOCIS	20
BCS-053	Web Programming	2	SOCIS	10
BCSL-147	Web Programming Lab	2	SOCIS	20
BCS-041	Fundamentals of Computer Networks	4	SOCIS	12
BCOC-131	Financial Accounting	6	SOMS	10
Total Credits:		20		
SEMESTER V				
BCS-151	Introduction to Software Engineering	4	SOCIS	09
BCS-042	Introduction to Algorithm Design	2	SOCIS	06
BCSL-159	Introduction to Algorithm Design Lab	2	SOCIS	20
BCOS-184	E-Commerce	4	SOMS	06
MSEI-023	Cyber Security	4*	SOVET	5 Theory + 10 Practical
BECS-184	Data Analysis	4	SOSS	12
Total Credits:		20		
SEMESTER VI				
BCOS-185	Entrepreneurship	4	SOMS	06
MSEI-027	Digital Forensics	4*	SOVET	5 Theory + 10 Practical
BCSP-165	Project	12	SOCIS	12
Total Credits:		20		

Note: (1) Duration of each theory academic counselling session : 2 hours (2) Duration of each practical academic counselling session : 3 hours; *: There are both theory and practical components in MSEI-023 and MSEI-027

Sudhanshu
13/9/24

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Apshu
(Dr. M.P. Mishra)

P.V. K
(Dr. P.V. Suresh)

Arjun
(Dr. Arjun)