



पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

दूरभाष : 0771-2262802 (अकादमिक विभाग), 0771-2262540 (कुलसचिव कार्यालय)

क्रमांक 538/अका./2019

रायपुर, दिनांक 22/06/2019

प्रति,

प्राचार्य/प्राचार्या
संबद्ध समस्त महाविद्यालय
पं. रविशंकर शुक्ल विश्वविद्यालय
रायपुर (छ.ग.)

विषय :- स्नातक स्तर भाग-एक के पाठ्यक्रम बाबत।
संदर्भ :- संयुक्त संचालक, उच्च शिक्षा का पत्र क्रमांक 2456/315/आउशि/सम/2019,
दिनांक 16.05.2019

महोदय/महोदया,

विषयांतर्गत संदर्भित पत्र के माध्यम से प्राप्त स्नातक स्तर भाग-एक के निम्नलिखित
कक्षा/विषयों के परिवर्तित/संशोधित पाठ्यक्रम शिक्षा सत्र 2019-20 से प्रभावशील किया जाता है-

1. बी.ए. - आधार पाठ्यक्रम-हिन्दी भाषा, राजनीति, अर्थशास्त्र, संगीत, दर्शनशास्त्र, मानवविज्ञान, गणित, इतिहास, हिन्दी साहित्य, समाजशास्त्र, भूगोल, मनोविज्ञान, संस्कृत, सांख्यिकी, प्राचीन भारतीय इतिहास।
2. बी.कॉम. - आधार पाठ्यक्रम-हिन्दी भाषा, वाणिज्य।
3. बी.एस.सी. - जैविकी, मानवविज्ञान, बायोटेक्नोलॉजी, कम्प्यूटर साइंस, गणित, भौतिकशास्त्र, प्राणीशास्त्र, सूक्ष्मजीव विज्ञान, वनस्पतिशास्त्र, भूविज्ञान, इलेक्ट्रॉनिक्स, रसायन, सांख्यिकी, भूगोल, आधार पाठ्यक्रम-हिन्दी भाषा।
4. बी.एस.सी. (गृह विज्ञान) - आधार पाठ्यक्रम-हिन्दी भाषा, एवं गृहविज्ञान।

उपरोक्त विषयों को शिक्षा सत्र 2019-20 से संशोधित रूप में स्नातक स्तर भाग-एक के लिए प्रभावशील किया जाता है, स्नातक स्तर भाग-दो एवं तीन के पाठ्यक्रम यथावत् रहेंगे।

अतः आपसे अनुरोध है कि पाठ्यक्रम परिवर्तन/संशोधन से महाविद्यालय के शिक्षकों एवं छात्र-छात्राओं को अवगत कराने का कष्ट करेंगे।

संलग्न :- उपरोक्तानुसार।

21.06.19

विशेष कर्तव्यस्थ अधिकारी (अका.)

क्रमशः 2

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DHAMTARI (C.G.)



पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

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पृ. क्र. 539 / अका. / 2019
प्रतिलिपि :-

रायपुर, दिनांक 22/06/2019

1. संयुक्त संचालक, उच्च शिक्षा को पत्र क्रमांक 2456/315/आउशि/सम/2019, दिनांक 16.05.2019 के परिपेक्ष्य में सूचनार्थ।
2. उपकुलसचिव परीक्षा, सहायक कुलसचिव गोपनीय विभाग,
3. कुलपति जी के सचिव/कुलसचिव के निज सहायक, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर को सूचनार्थ।

वरिष्ठ अधीक्षक (अका.)


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B.A.I Part - I

SYLLABUS FOR ENVIRONMENTAL STUDIES AND HUMAN RIGHTS

(Paper code-0828)

MM. 75

इन्वार्मेंटल साइंसेस के पाठ्यक्रम को स्नातक स्तर भाग-एक की कक्षाओं में विश्वविद्यालय अनुदान आयोग के निर्देशानुसार अनिवार्य रूप से शिक्षा सत्र 2003-2004 (परीक्षा 2004) से प्रभावशील किया गया है। स्वशासी महाविद्यालयों द्वारा भी अनिवार्य रूप से अंगीकृत किया जाएगा।

भाग 1, 2 एवं 3 में से किसी भी वर्ष में पर्यावरण प्रश्न-पत्र उत्तीर्ण करना अनिवार्य है। तभी उपाधि प्रदाय योग्य होगी।

पाठ्यक्रम 100 अंकों का होगा, जिसमें से 75 अंक सैद्धांतिक प्रश्नों पर होंगे एवं 25 अंक क्षेत्रीय कार्य (Field Work) पर्यावरण पर होंगे।

सैद्धांतिक प्रश्नों पर अंक - 75 (सभी प्रश्न इकाई आधार पर रहेंगे जिसमें विकल्प रहेगा)

- (अ) लघु प्रश्नोंत्तर - 25 अंक
(ब) निबंधात्मक - 50 अंक

Field Work - 25 अंकों का मूल्यांकन आंतरिक मूल्यांकन पद्धति से कर विश्वविद्यालय को प्रेषित किया जावेगा। अभिलेखों की प्रायोगिक उत्तर पुस्तिकाओं के समान संबंधित महाविद्यालयों द्वारा सुरक्षित रखेंगे।

उपरोक्त पाठ्यक्रम से संबंधित परीक्षा का आयोजन वार्षिक परीक्षा के साथ किया जाएगा।

पर्यावरण विज्ञान विषय अनिवार्य विषय है, जिसमें अनुत्तीर्ण होने पर स्नातक स्तर भाग-एक के छात्र/छात्राओं को एक अन्य विषय के साथ पूरक की पात्रता होगी। पर्यावरण विज्ञान के


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सैद्धांतिक एवं फील्ड वर्क के संयुक्त रूप से 33% (तैंतीस प्रतिशत) अंक उत्तीर्ण होने के लिए अनिवार्य होंगे।

स्नातक स्तर भाग-एक के समस्त नियमित/भूतपूर्व/अमहाविद्यालयीन छात्र/छात्राओं को अपना फील्ड वर्क सैद्धांतिक परीक्षा की समाप्ति के पश्चात् 10 (दस) दिनों के भीतर संबंधित महाविद्यालय/परीक्षा केन्द्र में जमा करेंगे एवं महाविद्यालय के प्राचार्य/केन्द्र अधीक्षक, परीक्षकों की नियुक्ति के लिए अधिकृत रहेंगे तथा फील्ड वर्क जमा होने के सात दिनों के भीतर प्राप्त अंक विश्वविद्यालय को भेजेंगे।

UNIT-I THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES

Definition, Scope and Importance

Natural Resources:

Renewable and Nonrenewable Resources


- (a) Forest resources: Use and over-exploitation, deforestation, Timber extraction, mining, dams and their effects on forests and tribal people and relevant forest Act.
- (b) Water resources: Use and over-utilization of surface and ground water, floods drought, conflicts over water, dams benefits and problems and relevant Act.
- (c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
- (d) food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging , salinity.
- (e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.
- (f) Land resources: Land as a resource, land degradation, man induced landslides soil erosion and desertification.

(12 Lecture)

UNIT-II ECOSYSTEM

(a) Concept, Structure and Function of and ecosystem

- Producers, consumers and decomposers.
- Energy flow in the ecosystem


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- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, Types, Characteristics Features, Structure and Function of Forest, Grass, Desert and Aquatic Ecosystem.

(b) Biodiversity and its Conservation

- Introduction - Definition: genetic, species and ecosystem diversity
- Bio-geographical classification of India.
- Value of biodiversity: Consumptive use, productive use, social ethics, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as mega-diversity nation.
- Hot spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wild life conflict.
- Endangered and endemic species of India.
- Conservation of biodiversity: In situ and Ex-situ conservation of biodiversity.

(12 Lecture)

UNIT- III

(a) Causes, effect and control measures of

- Air water, soil, marine, noise, nuclear pollution and Human population.
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Disaster Management : floods, earthquake, cyclone and landslides.

(12 Lecture)

(b) Environmental Management

- From Unsustainable to sustainable development.
- Urban problems related to energy.


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- Ecological succession
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UNIT- III

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(b) Environmental Management

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- Urban problems related to energy.


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- Water conservation, rain water harvesting, watershed management.
- Resettlement and rehabilitation of people, its problems and concerns.
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.
- Wasteland reclamation
- Environment protection Act: Issues involved in enforcement of environmental legislation.
- Role of Information Technology in Environment and Human Health.

UNIT- IV

General background and historical perspective- Historical development and concept of Human Rights, Meaning and definition of Human Rights, Kind and Classification of Human Rights.

Protection of Human Rights under the UNO Charter, protection of Human Rights under the Universal Declaration of Human Rights, 1948.

Convention on the Elimination of all forms of Discrimination against women.

Convention on the Rights of the Child, 1989.

UNIT- V

Impact of Human Rights norms in India, Human Rights under the Constitution of India, Fundamental Rights under the Constitution of India, Directive Principles of State policy under the Constitution of India, Enforcement of Human Rights in India.

Protection of Human Rights under the Human Rights Act, 1993- National Human Rights Commission, State Human Rights Commission and Human Rights court in India.


Fundamental Duties under the Constitution of India.

Reference/ Books Recommended

1. SK Kapoor- Human rights under International Law and Indian Law.
2. HO Agrawal- International Law and Human Rights
3. एस.के. कपूर - मानव अधिकार
4. जे.एन. पान्डेय - भारत का संविधान
5. एम.डी. चतुर्वेदी - भारत का संविधान
6. J.N.Pandey - Constitutional Law of India
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9. Bruinner R.C. 1989, Hazardous Waste Incineration, McGraw Hill Inc.480p
10. Clark R.S. Marine pollution, Clanderson press Oxford (TB)
11. Cuningham. W.P.Cooper. T.H.Gorhani, E & Hepworth. M.T,200
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13. Down to Earth, Center for Science and Environment (R)
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Security, Stockholm Eng. Institute. Oxford University, Press. m 473p.
15. Hawkins R.E. Encyclopedia of Indian Natural History, Bombay Natural History Society,
Mumbai (R)
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Press 1140p
17. Jadhav H. & Bhosale, V.H. 1995 Environmental Protection and Law. Himalaya pub.
House, Delhi 284p
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enhanced edition, 639p
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21. Odum E.P.1971, Fundamentals of Ecology, W.B. Saunders Co. USA,574p
22. Rao M.N. & Datta, A.K. 1987, Waste water treatment. Oxford & IBH pub.co.pvt. Ltd
345p
23. Sharma B.K. 2001, Environmental chemistry, Goel pub. House, Meerut
24. Survey of the Environment, The Hidu(M)
25. Townsend C. Harper J. And Michael Begon, Essentials of Ecology, Blackwell
Science(TB)
26. Trivedi R.K.Handbook of Environment Laws, Rules, Guidlines, Compliances and
Standards, Vol land II, Environment Media(R)
27. Trivedi R.K. and P.K. Goel, Introduction to air pollution, Techno-Science publication
(TB)
28. Wanger K.D.1998, Environmental Management. W.B. Saunders Co. Philadelphia, USA
499p


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To
Registrar
Pt. Ravishankar Shukla University
Raipur-492 010, C.G.

Raipur, dt. June 20th, 2018

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Subject: Regarding Correction/ Modification/ Upgradation of syllabus of Under Graduate Course (Discipline-Chemistry/ Faculty-Science).

Reference: University letter no. 6507/ Acad/ CBS/2018, dt. 08-06-2018

Sir/ Madam,

This is in connection to the subject and reference and mentioned as above. As per the directives, meetings of Central Board of Studies (Chemistry) were held on 11th and 18th instant at School of Studies in Chemistry for correction/ modification/ upgradation of syllabus at UG level.

Accordingly, hard and soft copies of the newly designed syllabus are being sent for your kind perusals and for further and necessary action..

Sincerely,

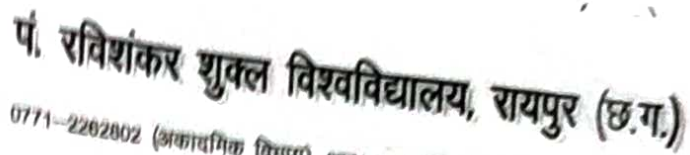


(Dr. Manas Kanti Deb)
Chairman, Central Board of Studies
Professor & Head, School of Studies in Chemistry
Pt. Ravishankar Shukla University, Raipur-492010, C.G.
debmanas@yahoo.com
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Enclosures:

1. New Syllabus (one Hard and one Soft copy)
2. Nine leaflets indicating justification for changes incorporated
3. One Register on Minutes of the Meetings conducted
4. Attendance record of the members


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सूचना : 0771-2262802 (अकादमिक विभाग), 0771-2262540 (कुलसचिव कार्यालय)

रायपुर, दिनांक २२/०६/२०१९

विषय :- स्नातक स्तर भाग-एक के पाठ्यक्रम बाबत।
संदर्भ :- संयुक्त संचालक, उच्च शिक्षा का पत्र क्रमांक 2456/315/आउशि/सम/2019,
दिनांक 16.05.2019
महोदय/महोदया,

विषयांतर्गत संदर्भित पत्र के माध्यम से प्राप्त स्नातक स्तर भाग-एक के निम्नलिखित कक्षा/विषयों के परिवर्तित/संशोधित पाठ्यक्रम शिक्षा सत्र 2019-20 से प्रभावी होगा।

1. बी.ए.

आधार पाठ्यक्रम—हिन्दी भाषा, राजनीति, अर्थशास्त्र, संगीत, दर्शनशास्त्र, मानवविज्ञान, गणित, इतिहास, हिन्दी साहित्य, समाजशास्त्र, भूगोल, मनोविज्ञान, संस्कृत, सांख्यिकी, प्राचीन भारतीय इतिहास।

2. बी.कॉम.

3. बी.एस.सी.

— आधार पाठ्यक्रम—हिन्दी भाषा, वाणिज्य।
— जैविकी, मानवविज्ञान, बायोटेक्नोलॉजी, कम्प्यूटर
साइंस, गणित, भौतिकशास्त्र, प्राणीशास्त्र, सूक्ष्मजीव
विज्ञान, वनस्पतिशास्त्र, भूविज्ञान, इलेक्ट्रॉनिक्स, रसायन,
सांख्यिकी, भूगोल, आधार पाठ्यक्रम—हिन्दी भाषा।
— आधार पाठ्यक्रम—हिन्दी भाषा, एवं गृहविज्ञान।

4. बी.एस.सी. (गृह विज्ञान)

उपरोक्त विषयों को शिक्षा सत्र 2019-20 से संशोधित रूप में स्नातक स्तर भाग-एक के लिए प्रभावशील किया जाता है, स्नातक स्तर भाग-दो एवं तीन के पाठ्यक्रम यथावत् रहेंगे। अतः आपसे अनुरोध है कि पाठ्यक्रम परिवर्तन (संशोधन) को ध्यान में रखकर पाठ्यक्रम को लागू करें।

छात्र-छात्राओं को अवगत कराने का कष्ट करेंगे।

संलग्न :- उपरोक्तानुसार।

8 21.06.19.
विशेष कर्तव्यस्थ अधिकारी (अका.)
क्रमशः 2

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पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

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प्रतिलिपि :-

रायपुर, दिनांक 22/06/2019

1. संयुक्त संचालक, उच्च शिक्षा को पत्र क्रमांक 2456/315/आउशि/सम/2019, दिनांक 16.05.2019 के परिपेक्ष्य में सूचनार्थ।
2. उपकुलसचिव परीक्षा, सहायक कुलसचिव गोपनीय विभाग,
3. कुलपति जी के सचिव/कुलसचिव के निज सहायक, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर को सूचनार्थ।

वरिष्ठ अधीक्षक (अका.)

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SYLLABUS FOR ENVIRONMENTAL STUDIES AND HUMAN RIGHTS

(Paper code=0828)

MM. 75

इन्ट्रामैटल शार्पशेस के पाठ्यक्रम को स्नातक स्तर भाग-एक की कक्षाओं में विश्वविद्यालय अनुदान आयोग के निर्देशानुसार अनिवार्य रूप से शिक्षा सत्र 2003-2004 (परीक्षा 2004) से प्रभावशील किया गया है। स्वशासी महाविद्यालयों द्वारा भी अनिवार्य रूप से अंगीकृत किया जाएगा।

भाग 1, 2 एवं 3 में से किसी भी वर्ष में पर्यावरण प्रश्न-पत्र उत्तीर्ण करना अनिवार्य है। तभी उपाधि प्रत्याप्त होगी।

पाठ्यक्रम 100 अंकों का होगा, जिसमें से 75 अंक सैद्धांतिक प्रश्नों पर होंगे एवं 25 अंक क्षेत्रीय कार्य (Field Work) पर्यावरण पर होंगे।

सैद्धांतिक प्रश्नों पर अंक = 75 (सभी प्रश्न इकाई आधार पर रहेंगे जिसमें विकल्प रहेंगे)

(अ) लघु प्रश्नोंत्तर - 25 अंक

(ब) निबंधात्मक - 50 अंक

✓ Field Work = 25 अंकों का मूल्यांकन आंतरिक मूल्यांकन पद्धति से कर विश्वविद्यालय को प्रेषित किया जावेगा। अभिलेखों की प्रायोगिक उत्तर पुस्तिकाओं के समान संबंधित महाविद्यालयों द्वारा सुरक्षित रखेंगे।

उपरोक्त पाठ्यक्रम से संबंधित परीक्षा का आयोजन वार्षिक परीक्षा के साथ किया जाएगा।

पर्यावरण विज्ञान विषय अनिवार्य विषय है, जिसमें अनुत्तीर्ण होने पर स्नातक स्तर भाग-एक के छात्र/छात्राओं को एक अन्य विषय के साथ पूरक की पात्रता होगी। पर्यावरण विज्ञान के


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सैद्धांतिक एवं फील्ड वर्क के संयुक्त रूप से 33% (तैंतीस प्रतिशत) अंक उत्तीर्ण होने के लिए अनिवार्य होंगे।

स्नातक स्तर भाग-एक के समस्त नियमित/भूतपूर्व/अमहाविद्यालयीन छात्र/छात्राओं को अपना फील्ड वर्क सैद्धांतिक परीक्षा की समाप्ति के पश्चात् 10 (दस) दिनों के भीतर संबंधित महाविद्यालय/परीक्षा केन्द्र में जमा करेंगे एवं महाविद्यालय के प्राचार्य/केन्द्र अधीक्षक, परीक्षकों की नियुक्ति के लिए अधिकृत रहेंगे तथा फील्ड वर्क जमा होने के सात दिनों के भीतर प्राप्त अंक विश्वविद्यालय को भेजेंगे।

UNIT-I THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES

Definition, Scope and Importance

Natural Resources:

Renewable and Nonrenewable Resources

- (a) Forest resources: Use and over-exploitation, deforestation, Timber extraction, mining, dams and their effects on forests and tribal people and relevant forest Act.
- (b) Water resources: Use and over-utilization of surface and ground water, floods drought, conflicts over water, dams benefits and problems and relevant Act.
- (c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
- (d) food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging , salinity.
- (e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.
- (f) Land resources: Land as a resource, land degradation, man induced landslides soil erosion and desertification.

(12 Lecture)

UNIT-II ECOSYSTEM

(a) Concept, Structure and Function of and ecosystem

- Producers, consumers and decomposers.
- Energy flow in the ecosystem


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- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, Types, Characteristics Features, Structure and Function of Forest, Grass, Desert and Aquatic Ecosystem.

(b) Biodiversity and its Conservation

- Introduction - Definition: genetic, species and ecosystem diversity
- Bio-geographical classification of India.
- Value of biodiversity: Consumptive use, productive use, social ethics, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as mega-diversity nation.
- Hot spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wild life conflict.
- Endangered and endemic species of India.
- Conservation of biodiversity: In situ and Ex-situ conservation of biodiversity.

(12 Lecture)

UNIT- III


(a) Causes, effect and control measures of

- Air water, soil, marine, noise, nuclear pollution and Human population.
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Disaster Management : floods, earthquake, cyclone and landslides.

(12 Lecture)

(b) Environmental Management

- From Unsustainable to sustainable development.
- Urban problems related to energy.


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- Water conservation, rain water harvesting, watershed management.
- Resettlement and rehabilitation of people, its problems and concerns.
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- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.
- Wasteland reclamation
- Environment protection Act: Issues involved in enforcement of environmental legislation.
- Role of Information Technology in Environment and Human Health.

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General background and historical perspective- Historical development and concept of Human Rights, Meaning and definition of Human Rights, Kind and Classification of Human Rights.

Protection of Human Rights under the UNO Charter, protection of Human Rights under the Universal Declaration of Human Rights, 1948.

Convention on the Elimination of all forms of Discrimination against women.

Convention on the Rights of the Child, 1989.

UNIT- V

Impact of Human Rights norms in India, Human Rights under the Constitution of India, Fundamental Rights under the Constitution of India, Directive Principles of State policy under the Constitution of India, Enforcement of Human Rights in India.

Protection of Human Rights under the Human Rights Act, 1993- National Human Rights Commission, State Human Rights Commission and Human Rights court in India.

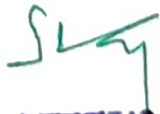
Fundamental Duties under the Constitution of India.

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क्रमांक 538/अका./2019

प्रति,

रायपुर, दिनांक 22/06/2019

प्राचार्य/प्राचार्या
संबद्ध समस्त महाविद्यालय
पं. रविशंकर शुक्ल विश्वविद्यालय
रायपुर (छ.ग.)

विषय :- स्नातक स्तर भाग-एक के पाठ्यक्रम बाबत।
संदर्भ :- संयुक्त संचालक, उच्च शिक्षा का पत्र क्रमांक 2456/315/आउशि/सम/2019,
दिनांक 16.05.2019

महोदय/महोदया,

विषयांतर्गत संदर्भित पत्र के माध्यम से प्राप्त स्नातक स्तर भाग-एक के निम्नलिखित
कक्षा/विषयों के परिवर्तित/संशोधित पाठ्यक्रम शिक्षा सत्र 2019-20 से प्रभावशील किया जाता है-

1. बी.ए. - आधार पाठ्यक्रम-हिन्दी भाषा, राजनीति, अर्थशास्त्र, संगीत, दर्शनशास्त्र, मानवविज्ञान, गणित, इतिहास, हिन्दी साहित्य, समाजशास्त्र, भूगोल, मनोविज्ञान, संस्कृत, सांख्यिकी, प्राचीन भारतीय इतिहास।
2. बी.कॉम. - आधार पाठ्यक्रम-हिन्दी भाषा, वाणिज्य।
3. बी.एस.सी. - जैविकी, मानवविज्ञान, बायोटेक्नोलॉजी, कम्प्यूटर साइंस, गणित, भौतिकशास्त्र, प्राणीशास्त्र, सूक्ष्मजीव विज्ञान, वनस्पतिशास्त्र, भूविज्ञान, इलेक्ट्रॉनिक्स, रसायन, सांख्यिकी, भूगोल, आधार पाठ्यक्रम-हिन्दी भाषा।
4. बी.एस.सी. (गृह विज्ञान) - आधार पाठ्यक्रम-हिन्दी भाषा, एवं गृहविज्ञान।

उपरोक्त विषयों को शिक्षा सत्र 2019-20 से संशोधित रूप में स्नातक स्तर भाग-एक के लिए प्रभावशील किया जाता है, स्नातक स्तर भाग-दो एवं तीन के पाठ्यक्रम यथावत् रहेंगे।

अतः आपसे अनुरोध है कि पाठ्यक्रम परिवर्तन/संशोधन से महाविद्यालय के शिक्षकों एवं छात्र-छात्राओं को अवगत कराने का कष्ट करेंगे।

संलग्न :- उपरोक्तानुसार।

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21-06-19
विशेष कर्तव्यस्थ अधिकारी (अका.)
क्रमशः 2



पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

दूरभाष : 0771-2262802 (अकादमिक विभाग), 0771-2262540 (कुलसचिव कार्यालय)

-2-

पू. क्र. 539 / अका. / 2019

प्रतिलिपि :-

रायपुर, दिनांक 22/06/2019

1. संयुक्त संचालक, उच्च शिक्षा को पत्र क्रमांक 2456/315/आजशि/सम/2019, दिनांक 16.05.2019 के परिपेक्ष्य में सूचनार्थ।
2. उपकुलसचिव परीक्षा, सहायक कुलसचिव गोपनीय विभाग,
3. कुलपति जी के सचिव/कुलसचिव के निज सहायक, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर को सूचनार्थ।

वरिष्ठ अधीक्षक (अका.)

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DHAMTABI (C.G.)

B.Sc. I

Part - I

SYLLABUS FOR ENVIRONMENTAL STUDIES AND HUMAN RIGHTS

(Paper code-0828)

MM. 75

इन्वारमेंटल साईसेस के पाठ्यक्रम को स्नातक स्तर भाग-एक की कक्षाओं में विश्वविद्यालय अनुदान आयोग के निर्देशानुसार अनिवार्य रूप से शिक्षा सत्र 2003-2004 (परीक्षा 2004) से प्रभावशील किया गया है। स्वशासी महाविद्यालयों द्वारा भी अनिवार्य रूप से अंगीकृत किया जाएगा।

भाग 1, 2 एवं 3 में से किसी भी वर्ष में पर्यावरण प्रश्न-पत्र उत्तीर्ण करना अनिवार्य है। तभी उपाधि प्रदाय योग्य होगी।

पाठ्यक्रम 100 अंकों का होगा, जिसमें से 75 अंक सैद्धांतिक प्रश्नों पर होंगे एवं 25 अंक क्षेत्रीय कार्य (Field Work) पर्यावरण पर होंगे।


सैद्धांतिक प्रश्नों पर अंक - 75 (सभी प्रश्न इकाई आधार पर रहेंगे जिसमें विकल्प रहेगा)

- (अ) लघु प्रश्नोंत्तर - 25 अंक
(ब) निबंधात्मक - 50 अंक

✓ Field Work - 25 अंकों का मूल्यांकन आंतरिक मूल्यांकन पद्धति से कर विश्वविद्यालय को प्रेषित किया जावेगा। अभिलेखों की प्रायोगिक उत्तर पुस्तिकाओं के समान संबंधित महाविद्यालयों द्वारा सुरक्षित रखेंगे।

उपरोक्त पाठ्यक्रम से संबंधित परीक्षा का आयोजन वार्षिक परीक्षा के साथ किया जाएगा।

पर्यावरण विज्ञान विषय अनिवार्य विषय है, जिसमें अनुत्तीर्ण होने पर स्नातक स्तर भाग-एक के छात्र/छात्राओं को एक अन्य विषय के साथ पूरक की पात्रता होगी। पर्यावरण विज्ञान के


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सैद्धांतिक एवं फील्ड वर्क के संयुक्त रूप से 33% (तैंतीस प्रतिशत) अंक उत्तीर्ण होने के लिए अनिवार्य होंगे।

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UNIT-I THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES

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(12 Lecture)

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(a) Concept, Structure and Function of and ecosystem

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(a) Causes, effect and control measures of

- Air water, soil, marine, noise, nuclear pollution and Human population.
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
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(12 Lecture)

(b) Environmental Management

- From Unsustainable to sustainable development.
- Urban problems related to energy.


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- Water conservation, rain water harvesting, watershed management.
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- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.
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- Environment protection Act: Issues involved in enforcement of environmental legislation.
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3. एस.के. कपूर – मानव अधिकार
4. जे.एन. पान्डेय – भारत का संविधान
5. एम.डी. चतुर्वेदी – भारत का संविधान
6. J.N.Pandey - Constitutional Law of India
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PRINCIPAL

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26. Trivedi R.K.Handbook of Environment Laws, Rules, Guidlines, Compliances and Standards, Vol land II, Environment Media(R)
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SYLLABUS
B.COM. PART-I

GROUPING OF SUBJECTS AND SCHEME OF EXAMINATION

Subject			Max.	Min.
i) Environmental Studies Field Work	75 25		100	33
A. Foundation Course				
I. Hindi Language			75	26
II. English Language			75	26
B. Three Compulsory Groups				
Group-I				
I. Financial Accounting	75	}	150	50
II. Business Communication	75			
Group-II				
I. Business Mathematics	75	}	150	50
II. Business Reg. Framework	75			
Group-III				
I. Business Environment	75	}	150	50
II. Business Economics	75			


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पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

दूरभाष : 0771-2262802 (अकादमिक विभाग), 0771-2262540 (कुलसचिव कार्यालय)

क्रमांक 538/अका./2019

रायपुर, दिनांक 22/06/2019

प्रति,

प्राचार्य/प्राचार्या
संबद्ध समस्त महाविद्यालय
पं. रविशंकर शुक्ल विश्वविद्यालय
रायपुर (छ.ग.)

विषय :- स्नातक स्तर भाग-एक के पाठ्यक्रम बाबत।
संदर्भ :- संयुक्त संचालक, उच्च शिक्षा का पत्र क्रमांक 2456/315/आउशि/सम/2019,
दिनांक 16.05.2019

महोदय/महोदया,

विषयांतर्गत संदर्भित पत्र के माध्यम से प्राप्त स्नातक स्तर भाग-एक के निम्नलिखित कक्षा/विषयों के परिवर्तित/संशोधित पाठ्यक्रम शिक्षा सत्र 2019-20 से प्रभावशील किया जाता है-


1. बी.ए. - आधार पाठ्यक्रम-हिन्दी भाषा, राजनीति, अर्थशास्त्र, संगीत, दर्शनशास्त्र, मानवविज्ञान, गणित, इतिहास, हिन्दी साहित्य, समाजशास्त्र, भूगोल, सन्तोविज्ञान, संस्कृत, सांख्यिकी, प्राचीन भारतीय इतिहास।
2. बी.कॉम. - आधार पाठ्यक्रम-हिन्दी भाषा, वाणिज्य।
3. बी.एस.सी. - जैविकी, मानवविज्ञान, बायोटेक्नोलॉजी, कम्प्यूटर साइंस, गणित, भौतिकशास्त्र, प्राणीशास्त्र, सूक्ष्मजीव विज्ञान, वनस्पतिशास्त्र, भूविज्ञान, इलेक्ट्रॉनिक्स, रसायन, सांख्यिकी, भूगोल, आधार पाठ्यक्रम-हिन्दी भाषा।
4. बी.एस.सी. (गृह विज्ञान) - आधार पाठ्यक्रम-हिन्दी भाषा, एवं गृहविज्ञान।

उपरोक्त विषयों को शिक्षा सत्र 2019-20 से संशोधित रूप में स्नातक स्तर भाग-एक के लिए प्रभावशील किया जाता है, स्नातक स्तर भाग-दो एवं तीन के पाठ्यक्रम यथावत् रहेंगे।

अतः आपसे अनुरोध है कि पाठ्यक्रम परिवर्तन/संशोधन से महाविद्यालय के शिक्षकों एवं छात्र-छात्राओं को अवगत कराने का कष्ट करेंगे।

संलग्न :- उपरोक्तानुसार।


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DHAMTARI (C.G.)


21.06.19
विशेष कर्तव्यस्थ अधिकारी (अका.)
क्रमशः2



पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

दूरभाष : 0771-2262802 (अकादमिक विभाग), 0771-2262540 (कुलसचिव कार्यालय)

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रायपुर, दिनांक 22/06/2019

पृ. क्र. 539/अका./2019
प्रतिलिपि :-

1. संयुक्त संचालक, उच्च शिक्षा को पत्र क्रमांक 2456/315/आउशि/सम/2019, दिनांक 16.05.2019 के परिपेक्ष्य में सूचनार्थ।
2. उपकुलसचिव परीक्षा, सहायक कुलसचिव गोपनीय विभाग,
3. कुलपति जी के सचिव/कुलसचिव के निज सहायक, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर को सूचनार्थ।

वरिष्ठ अधीक्षक (अका.)

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B.A.-I

PSYCHOLOGY

Paper	Name of the Paper	Max. Marks	Duration
I	Basic Psychological Processes	50	3 hrs.
II	Psychopathology	50	3 hrs.
III	Practical	50	4 Hrs.

PAPER - I

M.M.:50

BASIC PSYCHOLOGICAL PROCESSES (Paper Code-0119)

Note: This paper consists of five units. From each unit a minimum of two questions would be set and the candidates would be required to attempt one from the each unit.

UNIT-1 Introduction: Definition and Goals of Psychology; Behaviouristic, Cognitive and Humanistic; Cross-cultural Perspectives. Methods: Experimental, Observational, Interview, Questionnaire, and Case study.

UNIT-2 Biological Basis of Behaviour: Genes and Behaviour, The Nervous System: The Central Nervous System (C.N.S.), The Autonomic Nervous System (A.N.S.) and The Peripheral Nervous System (P.N.S.); Glands and Hormones; Emotions- Types and Bodily changes (internal and external).


UNIT-3 Sensory and Perceptual Processes: Nature and Types of Sensation, Perception and Attention: Process, Definition, Types and Determinants; Principles of Perceptual Organization; Illusion: Nature and Types.

UNIT-4 Learning and Memory: Classical and Operant Conditioning- Basic Processes; Verbal and Observational Learning; Memory: Sensory (S.M.), Short-term (S.T.M.) and Long-term (L.T.M.); Forgetting: Process and Theories.

UNIT-5 Cognitive and Non-Cognitive Processes: Intelligence: Nature and Types; Motivation: Biogenic and Sociogenic Motives; Thinking Process: Nature and Types. Personality: Nature and Determinants; Approaches to study Personality: Trait and Type Approaches; Assessment of Personality.

References

1. सिंह, अरुण । कमर । सामान्य मनोविज्ञान । बनारस हिन्दू विश्वविद्यालय प्रकाशन।
2. वर्मा, प्रीति । आधुनिक सामान्य मनोविज्ञान।
3. Baron, R.A. & Byrne, D.A. Understanding Behavior. Tokyo: Holt Sounders.
4. Zimbardo, P.G. Psychology. New York: Harper Collings College publishers.
5. Lefton, L. A. (1985). Psychology. Bosten-Allyn Publishers.
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B. A. - I

PSYCHOLOGY

PAPER- II

PSYCHOPATHOLOGY (Paper Code-0120)

M.M.:50

Note: This paper consists of five units. From each unit a minimum of two questions would be set and the candidates would be required to attempt one from the each unit.

UNIT-1 Introduction: The concept of Normality and Abnormality; Models of Psychopathology: Psychodynamic, Behavioral and Cognitive.

UNIT-2 Assessment of Psychopathology: Diagnostic Tests, Rating Scales, Clinical Interview, and Projective Tests.


UNIT-3 Anxiety Disorders: Panic Disorder, Phobias, Obsessive Compulsive Disorder (OCD), and Generalized Anxiety Disorder (GAD).

UNIT-4 Mood Disorders: Manic-Depressive Episode and Dysthemia; Personality Disorders: Paranoid, Schizoid, and Dependent Personality Disorder, Dissociative disorder and Obesity.

UNIT-5 Management of Psychopathology: Stress Management; Medico and Psychosocial Therapy: Shock Therapy, Psychoanalysis, Group therapy and Behavior therapy.

References

1. Lamm, A. (1997). Introduction to Psychopathology. NY: Sage.
2. Buss, A. H. (1999). Psychopathology. NY: John Wiley.
3. सिंह तथा लिटरी। अस्वास्थ्य मनविज्ञान। अगस्त्य विनायक प्रकाशक।
4. कपिल, एच. क। अस्वास्थ्य मनविज्ञान। अगस्त्य हरप्रसाद शर्मा।


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N. S. I.

PSYCHOLOGY

PAPER- III

SY. ST. - 20

PART - III

Notes: This paper consists of two parts -

Part I

- (a) Concepts of laboratory experiments
- (b) Concepts of Psychological Testing and understanding of self and others
- (c) Experiments (Any four of the following):
 - (i) Effect of Size on Perception
 - (ii) Effect of Emotion on Performance
 - (iii) Concept of Attention
 - (iv) Measuring the Social Desirability Scale
 - (v) Personality Inventory (PI)
 - (vi) IQ & PI
 - (vii) Concept of Motivation
 - (viii) Judgment of Personality through Facial Expression
 - (ix) Personality Test
- (d) Psychological Tests (Any four of the following):
 - (i) General Intelligence Test
 - (ii) Performance Test
 - (iii) PI & PI Personality
 - (iv) Anxiety Test
 - (v) Depression Scale
 - (vi) Adjustment Inventory
 - (vii) Achievement Motivation
 - (viii) Stress Tolerance Test

Part II

Knowledge Recall: Each student will be required to choose the definition of eight in different units and select an exercise in understanding, judge and write it as effectively as possible. It is to be noted that psychological insight existing in the student's knowledge. This means constitutes a part of psychological assessment of the students. Participation in the measures of common knowledge and practical presentation in the assignment data.

Illustration of Sample

- 1. Definition of Psychological Experiment and Reporting
- 2. Definition of Psychological Test and Reporting
- 3. Definition of Intelligence and Intelligence Test
- 4. Definition of Personality and Personality Test

Notes: The students will be required to answer in the practical examination unit - 10-15%
The students will be required to answer in the report and formal examination
Maximum Marks: 10 (100%) Marks: 100 (100%) Marks: 100 (100%) Marks: 100 (100%)

PSYCHOLOGY
N. S. I.

SCHEME OF TEACHING AND EXAMINATIONS 2019-2020
MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

THIRD SEMESTER

THIRD SEMESTER														
Subject Code	SUBJECTS	Teaching Load Per Week			Credit L+ ((T+P)/2)	Examination Marks								
		L	T	P		Max. Marks				Min. Marks				
						Th	Ses	Pr	Total	Th	Ses	Pr	Total	
MSc(IT) 301	Java Programming Language	3	2	-	4	100	25	-	125	40	15	-	55	
MSc(IT) 302	Python Programming Language	3	2	-	4	100	25	-	125	40	15	-	55	
MSc(IT) 303	Software Engineering	3	2	-	4	100	25	-	125	40	15	-	55	
MSc(IT) 304	Electives :													
	1. Advanced Computer Architecture													
	2. Data Mining & Warehousing													
	3. Cloud Computing													
	4. Digital Image Processing	3	2	-	4	100	25	-	125	40	15	-	55	
MSc(IT) 305	Electives :													
	1. Mobile Communication													
	2. Theory of Computations													
	3. Internet of Things													
	4. Analysis and Design of Algorithms	3	2	-	4	100	25	-	125	40	15	-	55	
MSc(IT) 306	Programming Lab - Based on 301	-	-	3x2	3	-	50	100	150	-	30	50	80	
MSc(IT) 307	Programming Practice - Based on 302	-	-	2	1	-	50	50	100	-	30	25	55	
MSc(IT) 308	Common Software/Mini-Project	-	-	2	1	-	50	50	100	-	30	25	55	
MSc(IT) 309	Managerial Skills / Seminar	-	-	2	1	-	25	-	25	-	15	-	15	
	TOTAL	15	10	12	26	500	300	200	1000	200	180	100	480	

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SCHEME OF TEACHING AND EXAMINATIONS 2019-2020
MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

FOURTH SEMESTER

Subject Code	SUBJECTS	Teaching Load Per Week			Credit L+ ((T+P) / 2)	Examination Marks							
						Max. Marks				Min. Marks			
		L	T	P		Th	Ses	Pr	Total	Th	Ses	Pr	Total
MSc(IT) 401	Cyber Security	3	2	-	4	100	50	-	150	40	30	-	70
MSc(IT) 402	Soft Computing	3	2	-	4	100	50	-	150	40	30	-	70
MSc(IT) 403	Big Data Analytics	3	2	-	4	100	50	-	150	40	30	-	70
MSc(IT) 404	Project Based Seminar	-	-	1x2	1	-	50	-	50	-	30	-	30
MSc(IT) 405	Major Project	-	-	5x2	5	-	100	200	300	-	60	100	160
Total					18	300	300	200	800	120	180	100	400

Note:

- Major Project may be a Research Project also.
- Participating in Workshops, Conferences and Seminars or publishing Research Papers will be given weightage in the research project.

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B-A-III
PAPER-III
PRACTICAL GEOGRAPHY
Max. Marks: 50

SECTION A

MAP READINGS AND INTERPRETATION

(M.M. 20)

Unit I

Graphical Representation: Band graph, Climograph, Square root, Cube-root.

Unit II

Topographical Sheets: Classification and numbering system (National and International), Interpretation of Topographical Sheets with respect to cultural and physical features.

Unit III

Satellite Imageries: Describing the Marginal Information, Image interpretation: Visual Methods – Landuse / Landcover Mapping. Use and Application of GPS.

SECTION B

SURVEYING AND FIELD REPORT

(M.M.20)

Unit IV

Surveying: Plane Table Survey, Basic Principles of plane table surveying, Plane table survey including intersection and resection.

Unit V


Field work and field report: physical, social and economic survey of a micro-region.

PRACTICAL RECORD AND VIVA VOCE

(M.M.10)

Books Recommended:

1. Archer, J.E. and Dalton, T.H. (1968): *Field Work in Geography*. William Clowes and Sons Ltd. London and Beccles.
2. Bolton, T. and Newbury, P.A. (1968): *Geography through Fieldwork*. Blandford Press, London.
3. Campell, J. B. (2003): *Introduction to Remote Sensing*, 4th edition. Taylor and Francis, London.
4. Chaunial, D. D. (2004): *Remote Sensing and Geographical Information System (in Hindi)*, Sharda Pustak Bhawan, Allahabad
5. Cracknell, A. and Ladson, H. (1990): *Remote Sensing Year Book*. Taylor and Francis, London.
6. Curran, P.J. (1985): *Principles of Remote Sensing*. Longman, London.
7. Davis, R.E. and Foote, F.S. (1953): *Surveying*, 4th edition, McGraw Hill Publication, New York
- 8.
9. Deekshatulu, B.L. and Rajan, Y.S. (ed.) (1984): *Remote Sensing*. Indian Academy of Science, Bangalore.
10. Floyd, F. and Sabins, Jr. (1986): *Remote Sensing: Principles and Interpretation*. W.H. Freeman, New York.


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SYLLABUS
GEOGRAPHY
(B.A. / B.Sc.)
(UG COURSES)

Admitted Batch 2018-19



JUNE 2018

Chhattisgarh State Council of Higher Education


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SCHEME OF EXAMINATION 2019-2020

BCA PART-III

Subject Code	Subject Paper	Theory Marks		Internal Marks		Teaching Load per Week		
		Max. (A)	Min. (B)	Max. (C)	Min. (D)	L T P		
*BCA301	Part I- Calculus & Geometry	50				2	-	-
	Part II-Differential Equation & Fourier Series	50	60	-	-	2	-	-
	Part III- Computer System Architect	50		-	-	2	-	-
BCA302	Java	100	40	50	30	4	2	-
BCA303	Operating System	100	40	50	30	4	2	-
BCA304	Software Engineering	100	40	50	30	4	2	-
BCA305	A. MULTIMEDIA TOOLS AND APPLICATIONS	50	20	-	-	2	2	-
	B. Practical based on course 305A	50	20	-	-	-	-	2x2
BCA306	A. Financial Management & Accountancy	50	40	-	-	2	-	-
	B. Foundation Course	50		-	-	2	-	-
BCA307	Practical Based on Course-302	100	50	-	-	-	-	3x2
BCA308	Project	100	50	-	-	-	-	1x2
TOTAL		850	360	150	90			
GRAND TOTAL	(PAPER + INTERNAL)	(A+C) 1000		(B+D) 450				

* Minimum passing marks in subject BCA301 is 40% of total marks 150(i.e. Total of Part I + Part II + Part III marks of BCA301)

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27/4/19

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F.C. (Bio-I & Bio-II)
Lang. F.C. (Maths Group)
Lang.

12. WAP to calculate Area of various geometrical figures using the abstract class.
13. WAP where Single class implements more than one interfaces and with help of interface reference variable user call the methods.
14. WAP that use the multiple catch statements within the try-catch mechanism.
15. WAP where user will create a self-Exception using the "throw" keyword.
16. WAP for multithread using the isAlive(), join() and synchronized() methods of Thread class.
17. WAP to create a package using command and one package will import another package.
18. WAP for AWT to create Menu and Popup Menu for Frame.
19. WAP for Applet that handle the KeyBoard Events.
20. WAP, which support the TCP/IP protocol, where client gives the message and server will receive the message.
21. WAP to illustrate the use of all methods of URL class.
22. WAP for JDBC to insert the values into the existing table by using prepared Statement.
23. WAP for JDBC to display the records from the existing table.
24. WAP to demonstrate the Border Layout using applet.
25. WAP for Applet who generate the MouseMotionListener Event.
26. WAP for display the checkboxes, Labels and TextFields on an AWT.
27. WAP to calculate the Area of various geometrical figures using the abstract class.
28. WAP for creating a file and to store data into that file.(Using the FileWriter/OutputStream)
29. WAP to read file and display its content using FILEINPUTSTREAM & RANDOMACCESSFILE
30. WAP accepting 2 inputs as a source and target file name and writes the content from the source to target.
31. WAP to display your file in DOS console use the Input/Output Stream.
32. WAP to create an Applet using the HTML file, where Parameter Pass for font Size and Font type and Applet message will change to corresponding parameters.

PRACTICAL WORK BCA III BCA-308 Project

1. **Scheme of Examination:-** The Project should be done by individual student. Practical examination will be of 3 hours duration. The distribution of practical marks will be as follows

Software Demonstration	-10
Project Report (Hard Copy + Soft Copy)	-20
Project Demonstration/Presentation	-20
Project Viva	-20
Total	-100

2. Format of the student project report on completion of the project

- Cover page as per format
- Certificate of Approval
- Certificate of project guide/Center Manager
- Certificate of the company/Organization
- Certificate of Evaluation
- Declaration / Self Certificate
- Acknowledgement

In the "Acknowledgement" page, the writer recognizes his /her indebtedness for guidance and assistance of the thesis/report adviser and other members of the faculty. Courtesy demands that he/she also recognize specific contributions by other persons or institutions such as libraries and research foundations. Acknowledgements should be expressed simply, tastefully, and tactfully.

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DHAMTARI (C.G.)

- Synopsis of the project
- Main Report
 - ✓ Objectives & Scope of the project
 - ✓ Theoretical Background of Project
 - ✓ Definition of problem
 - ✓ System Analysis & Design
 - ✓ System Planning (PERT Chart)
 - ✓ Methodology adopted, system Implementation & Detail of Hardware & Software used
 - ✓ System maintenance & Evaluation
 - ✓ Cost and benefit Analysis
 - ✓ Detailed Life Cycle of the project
 - ERD, DFD
 - Input and Output Screen Design
 - Process involved
 - Methodology used for testing
 - Test Report, Printout of the code sheet
 - ✓ User/Operational Manual- including security aspects, access rights, back up, Controls etc.
 - ✓ Conclusion
 - ✓ References
 - ✓ Soft copy of the project on CD

Formats of various certificates and formatting styles are as:

1. Project report Cover Format

A

Project Report

On

Title of the Project Report

(Times New Roman, Italic, Font Size-24)

Submitted in partial fulfillment of the requirements for the award of degree

Bachelor of Computer Application

From

Pt. Ravishankar Shukla University Raipur (C.G.)

(Bookman Old Style, 16 Point, Center)

Year : xxxx

Signature
27/4/19

Signature
27/4/19

Signature

Signature

Signature
27-04-2019

Signature
27/4/19

PRINCIPAL
GOVT. P. G. COLLEGE
DHANTARI (C.G.)

Logo of college

Guide

(Guide Name)

Submitted by:

(Student's Name)

Roll No:

Submitted to

(College Name)

Pt. Ravishankar Shukla University Raipur (C.G.)

2. Certificate of Approval by Head of the Department in letter head

CERTIFICATE OF APPROVAL

This is to certify that the Project work entitled " _____ " is carried out by Mr/Ms/Mrs _____, a student of BCA – III year at (College Name) is hereby approved as a credible work in the discipline of Computer Science & Information Technology for the award of degree of Bachelor of Computer Application during the year _____ from Pt. Ravishankar Shukla University, Raipur (CG).

(Head Name)

4. Certificate from the Guide in letter head

CERTIFICATE

This is to certify that the Project work entitled " _____ " Submitted to the (College Name) by Mr/Ms/Mrs _____ Roll No _____, in partial fulfillment for the requirements relating to nature and standard of the award of Bachelor of Computer Application degree by , Pt. Ravishankar Shukla University, Raipur (CG) for the academic year 20____ - 20____.

This project work has been carried out under my guidance.

(Guide Name)

Pranjan
23/4/19

Kiran
27/4/19

[Signature]
[Signature]

[Signature]
27-04-19

[Signature]
27-04-19

[Signature]
27/4/19

PRINCIPAL
GOVT. P. G. COLLEGE
DHANTARI (CG)

5. Certificate of the Company or Organisation from where the Project is done from the Project Manager or Project guide.
6. Certificate of evaluation in the department letter head

CERTIFICATE OF EVALUATION

This is to certify that the Project work entitled " _____ " is carried out by Mr/Ms/Mrs _____, a student of BCA – III year at (College Name), after proper evaluation and examination, is hereby approved as a credible work in the discipline of Computer Science & Information Technology and is done in a satisfactory manner for its acceptance as a requisite for the award of degree of Bachelor of Computer Application during the year _____ from Pt. Ravishankar Shukla University, Raipur (CG).

Internal Examiner

External Examiner

7. Declaration of Student / Self Certificate

DECLARATION

This to certify that the project report entitled " _____ ", which is submitted by me in the partial fulfillment for the award of the degree of Bachelor of Computer Application, (College Name), comprises the original work carried out by me.

I further declare that the work reported in this project has not been submitted and will not be submitted, either in part or in full for the award of any other degree or diploma in this Institute or any other Institute or University.

Place :

(Name)

Date :

(Roll No)

Bhargava
27/4/19

Krishna
27/4/19

Patel
27-4-19

Sharma
27-4-19

Sharma
27-4-19

Bak
27/4/19

GOVT. P. G. COLLEGE
DHAMTARI (CG)

M. A. Political Science

Semester-I and Semester-II

PAPER	SEMESTER-I	MARKS		SEMESTER-II	MARKS	
		Theo ry	Inter nal		Theo ry	Inter nal
I	भारतीय राजनीतिक चिंतन (Indian Political Thought)	80	20	पश्चात्य राजनीतिक चिंतन (Western Political Thought)	80	20
II	भारतीय शासन एवं राजनीति (Indian Govt. and Politics)	80	20	भारत के राज्यों की राजनीति (Politics of State in India)	80	20
III	तुलनात्मक राजनीति (Comparative Politics)	80	20	विकासशील देशों की तुलनात्मक राजनीति (Comparative Politics in Developing Countries)	80	20
IV	अंतर्राष्ट्रीय संगठन (International Organization)	80	20	भारत की विदेश नीति (Indian Foreign Policy)	80	20
Total = 400				Total = 400		


M. A. Political Science

Semester III and M.A. Semester IV

PAPER	SEMESTER-III	MARKS		SEMESTER-IV	MARKS	
		Theo ry	Inter nal		Theo ry	Inter nal
I	अंतर्राष्ट्रीय राजनीति के सिद्धांत (Principles of International Politics)	80	20	अंतर्राष्ट्रीय राजनीति के समकालीन मुद्दे (Contemporary issues of International Politics)	80	20
II	लोक प्रशासन भाग-I (Public Administration Part-I)	80	20	लोक प्रशासन भाग-II (Public Administration Part-II)	80	20
III	शोध प्रविधि भाग-I (Research Methodology Part-I)	80	20	शोध प्रविधि भाग-II (Research Methodology Part-II)	80	20
IV	छत्तीसगढ़ का शासन एवं राजनीति (Govt. and Politics of Chhattisgarh)	80	20	छत्तीसगढ़ का राजनीतिक इतिहास (Political History of Chhattisgarh)	80	20
	Total = 400			Project work VIVA-Voc	50 50	
				Total = 500		

नियमावली -

1. उपर्युक्त समस्त प्रश्नपत्र अनिवार्य होंगे।
2. प्रत्येक प्रश्नपत्र में (सभी सेमेस्टर में) सैद्धान्तिक परीक्षा में 80 पूर्णांक होगा और 20 अंकों का आन्तरिक मूल्यांकन होगा। इस प्रकार सभी प्रश्नपत्र में पूर्णांक 100 होगा।
3. प्रत्येक प्रश्नपत्र में आन्तरिक मूल्यांकन की दो परीक्षाएं होंगी जिसके सर्वोच्च अंक विश्वविद्यालय को प्रेषित किए जाएंगे।
4. प्रथम, द्वितीय और तृतीय सेमेस्टर में पूर्णांक 400 होगा। चतुर्थ सेमेस्टर में पूर्णांक 500 होगा।
5. एम. ए. चतुर्थ सेमेस्टर में 100 अंकों की मौखिक परीक्षा होगी जिसमें 50 अंक परियोजना कार्य पर होंगे और 50 अंकों की मौखिक परीक्षा होगी।
6. परियोजना कार्य कौशल विकास, रोजगार मुखी एवं मतदान व्यवहार, ग्रामीण विकास, देश के महापुरुष, प्रमुख राजनीतिज्ञ, राष्ट्रपति, प्रधानमंत्री, छत्तीसगढ़ की राजनीति और शासन व्यवस्था पर आधारित होगा।
7. इस प्रकार एम.ए. राजनीति विज्ञान में कुल पूर्णांक 1700 होगा।
8. प्रत्येक प्रश्नपत्र 4 इकाइयों में विभाजित होगा।
9. सत्र 2016-17 में तृतीय एवं चतुर्थ सेमेस्टर की परीक्षा देने वाले विद्यार्थी इसी नये पाठ्यक्रम का अनुकरण करेंगे।


PRINCIPAL
GOVT. P. G. COLLEGE
DHAMTARI (G.G.)

M.A./M. Sc. GEOGRAPHY
SEMESTER I (2018-19)

M. A. /M. Sc. Geography Semester I shall consist the following papers:


S. No.	Paper	Title	M. M.		
			Written	Inte. Asse.	Total
1.	I	Geomorphology	80	20	100
2.	II	Climatology	80	20	100
3.	III	Geographical Thought	80	20	100
4.	IV	Geography of India	80	20	100
5.	V	Practical-I ; Advanced Cartography	---	---	100

1. The M. A. /M. Sc. Semester I examination in Geography shall consist of 500 marks. There shall be four theory papers each of 100 marks and one practical of 100 marks as follows:

Paper I	Geomorphology
Paper II	Climatology
Paper III	Geographical Thought
Paper IV	Geography of India

Paper V Practical-I: Advanced Cartography

2. The theory papers shall be of three hours duration.
3. Candidates will be required to pass separately in theory and practical examinations.
4. (a) In the practical examination the following shall be the allotment of time and marks.
- | | | |
|-------|------------------------------|-----|
| (i) | Practical record | 20% |
| (ii) | Lab work (up to three hours) | 70% |
| (iii) | Viva on i. ii. | 10% |
- (b) The external and internal examiners shall jointly submit marks.
- (c) All the candidates shall present at the time of the practical examination their practical record regularly signed by the teachers concerned.


अध्यक्ष
भूगोल अध्ययनशाला
बं. रविशंकर शुक्ल विश्वविद्यालय
रायपुर (छ.ग.)


PRINCIPAL
GOVT. P. G. COLLEGE
DHAMTARI (C.G.)

30. प्रसाद गायत्री, गौतम अल्का, पर्यावरण भूगोल
31. रामकुमार गुर्जर एवं जाट बी.सी., पर्यावरण अध्ययन, पंचशील प्रकाशन, जयपुर
32. व्यास, हरिश्चन्द्र : पारिस्थितिकी एवं पर्यावरण, पंचशील प्रकाशन, जयपुर
33. आसरे, राम, पर्यावरण भूगोल, आर. के. पब्लिकेशन, नई दिल्ली, 2009
34. मौर्य, एस.डी. : संसाधन एवं पर्यावरण, प्रयाग पुस्तक भवन, इलाहाबाद, 2006
35. राव, बी.पी. : संसाधन एवं पर्यावरण, वसुन्धरा प्रकाशन, गोरखपुर, 2010

SEMESTER – IV (2018-19)

PAPER - XIX

FIELD WORK (PHYSICAL AND SOCIO- ECONOMIC) Physical

- UNIT – I** Trace the prominent features of area to be surveyed. Identify salient landform features of selected area on a topographical sheet. Identify the landforms on the surface, while in the field. Also note the agents of erosion, transportation and deposition associated with the landforms.
- UNIT – II** Identity and classify the Bio-diversity in the area (Flora & fauna). Observe the relationship of various landforms, flora and fauna with land-use, settlement structure and life style of people.

Socio – Economic

- UNIT – III** Procure a cadastral map of the village/town for field mapping of the features of land-use and land quality. Procure/prepare the settlement –site map through rapid survey to map the residential, commercial, recreational (parks, playground), educational, religious and other prominent features. Conduct a socio-economic survey of the households with a structured questionnaire. Supplement the information by personal observations and perceptions.
- UNIT – IV** Based on observations of the land-use and results of the socio-economic enquiry of the households, prepare a critical field-survey report. Photographs and sketches, in addition to maps and diagrams, may supplement the report.

**SCHEME OF EXAMINATION
&
SYLLABUS
of**

M.Sc. (PHYSICS)

UNDER

FACULTY OF SCIENCE

Approved by Board of Studies in Physics

EFFECTIVE FROM JULY 2019



**School of Studies in Physics & Astrophysics
Pt. Ravishankar Shukla University**

Raipur (C.G.) 492010

PH: - 0771-2262864

WEBSITE: -www.prsu.ac.in

Approved by Board of Studies in Physics on 18, January 2019

PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

10/18/11

18/01/2019

10/01/2019

18/01/19

18/01/2019

18/1-19

18/01/2019

M. Sc. - PHYSICS

M.Sc. in Physics is a full time 2-year (4-semesters course). There will be four theory papers, and two laboratory courses/project in each semester. In each semester, there will be two internal examinations/assessments. Semester-wise course structure along with distribution of marks is given below:

Semester I

Name of the Paper	Marks					Credits
	Theory		Internal		Total	
	Max	Min	Max	Min		
1. Mathematical Physics	80	16	20	04	100	4
2. Classical Mechanics	80	16	20	04	100	4
3. Electrodynamics & Plasma Physics	80	16	20	04	100	4
4. Electronics	80	16	20	04	100	4
A : General & Optics	-		-		100	2
Laboratory Course I-B : Electronics	-		-		100	2
Total Marks	600					20

Total Marks for Semester I = 600 & Credit = 20

Semester II

Name of the Paper	Semester II					Credits
	Marks					
	Theory		Internal		Total	
	Max	Min	Max	Min		
1. Quantum Mechanics-I	80	16	20	04	100	4
2. Statistical Mechanics	80	16	20	04	100	4
3. Electronic & Photonic Devices and Optical Modulators	80	16	20	04	100	4
4. Computational Physics & Computer Programming	80	16	20	04	100	4
Laboratory Course II-A : Numerical Analysis & Computer Programming	-		-		100	2
Laboratory Course II-B : Digital Electronics & Microprocessor	-		-		100	2
Total Marks	600					20

Total Marks for Semester II = 600 & Credit = 20

Semester III

Name of the Paper		Marks				Credits	
		Theory		Internal			Total
		Max	Min	Max	Min		
1. Quantum Mechanics-II		80	16	20	04	100	4
2. Atomic & Molecular Physics		80	16	20	04	100	4
3. Solid State Physics-I		80	16	20	04	100	4
4. (A) Astronomy & Astrophysics-I (B) Electronics (Communication)-I (C) Physics of Nano-material-I (D) Space Physics-I		80	16	20	04	100	4
Laboratory Course III-A Materials Science & General		-	-	-	-	100	2
Laboratory Course III-B : Astronomy & Astrophysics OR : Electronics (Communication) OR : Physics of Nano-material OR : Space Physics		-	-	-	-	100	2
Total Marks		600					20

Total Marks for Semester III = 600 & Credit = 20

Semester IV

Name of the Paper	Marks					Credits
	Theory		Internal		Total	
	Max	Min	Max	Min		
1. Nuclear & Particle Physics	80	16	20	04	100	4
2. Laser Physics and Applications	80	16	20	04	100	4
3. Solid State Physics -II	80	16	20	04	100	4
4. (A) Astronomy & Astrophysics-II (B) Electronics (Communication)-II (C) Physics of Nano-material-II (D) Space Physics-II	80	16	20	04	100	4
Project Work	-	-	-	-	200	4
Total Marks	600					20

Total Marks for Semester IV = 600 & Credit = 20