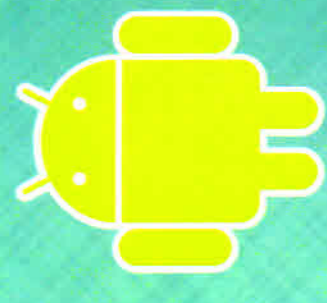


CREDIT BASED ADD-ON CERTIFICATE COURSE IN



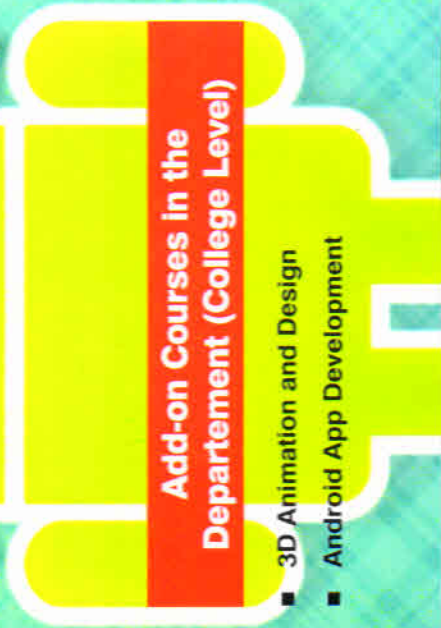
ANDROID App Development

(College Level)



Patna Women's College
PATNA UNIVERSITY

Avila Convent, Bailey Road, Patna - 800 001, Bihar, India
Tel. : +91-612 2531186, Fax : +91-612 2531196
e-mail : info@patnawomenscollege.in ;
Website : www.patnawomenscollege.in



Add-on Courses in the Department (College Level)

- 3D Animation and Design
- Android App Development



Program Content

- Introduction to Android
- Application Development Life Cycle
- Android Activities and UI Design
- Advanced UI Programming
- Data Storage, Retrieval and Sharing
- Maps, Geocoding and Location-Based Services
- Peer-to-Peer Communication
- Accessing Android Hardware
- Testing and Debugging Android Application

Marks & Grade

Theory (on-paper)	40
Project	60
Total	100

The students will be evaluated at the end of the course on the basis of written examination and practical assignments. Pass certificate will be awarded to the students securing 45% and above. The pattern of grades will be as follows:

Marks	Level Performance Indicated	Grade
75-100	Very Good	A
60-74	Good	B
50-59	Satisfactory	C
45-49	Fair	D

Program Content

- Introduction to Android
- Application Development Life Cycle
- Android Activities and UI Design
- Advanced UI Programming
- Data Storage, Retrieval and Sharing
- Maps, Geocoding and Location-Based Services
- Peer-to-Peer Communication
- Accessing Android Hardware
- Testing and Debugging Android Application

Marks & Grade

Theory (on paper)	40
Project	60
Total	100

The students will be evaluated at the end of the course on the basis of written examination and practical assignments. Pass certificate will be awarded to the students securing 45% and above. The pattern of grades will be as follows:

Marks	Level Performance Indicated	Grade
75-100	Very Good	A
60-74	Good	B
50-59	Satisfactory	C
45-49	Fair	D



Add-on Courses in the Department (College Level)

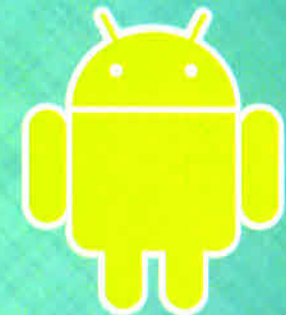
- 3D Animation and Design
- Android App Development



PATNA WOMEN'S COLLEGE
PATNA UNIVERSITY

3rd Cycle NAAC Accredited at 'A' Grade with CGPA 3.58/4
'College with Potential for Excellence' (CPE)
status accorded by UGC

CREDIT BASED ADD-ON CERTIFICATE COURSE IN



ANDROID

App Development

(College Level)



Patna Women's College
PATNA UNIVERSITY

Avila Convent, Bailey Road, Patna - 800 001, Bihar, India
Tel. : +91-612 2531186, Fax : +91-612 2531196
e-mail : info@patnawomenscollege.in ;
Website : www.patnawomenscollege.in